

FEDERAL ITEM IDENTIFICATION GUIDE

FIBER CORDAGE

This Reprint replaces FIIG A153, dated September 5, 2008.



Commander
Defense Logistics Information Service
ATTN: DLIS-K
74 Washington Avenue North, Suite 7
Battle Creek, Michigan 49037-3084
(COMM) (269) 961-5779
(DSN) 661-5779

This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Table of Contents

GENERAL INFORMATION	1
Index of Master Requirement Codes	5
INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG	7
APPLICABILITY KEY INDEX	10
SECTION I	14
SECTION III.....	35
Reply Tables	38
Reference Drawing Groups.....	61
Technical Data Tables.....	78
FIIG Change List	82

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

- Index of Approved Item Names Covered by this FIIG
- Applicability Key Index
- Section I - Item Characteristics Data Requirements
- Section III - New text that should be here.
- Appendix A - Reply Tables
- Appendix B - Reference Drawing Groups (as applicable)
- Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign (\$) for an OR condition, or a double dollar sign (\$\$) for an AND condition, (5) the mode code, (6) the response or reply code

FIIG A153
GENERAL INFORMATION

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

FIIG A153
GENERAL INFORMATION

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

<u>MRC</u>	<u>Mode</u>	<u>Requirement</u>	<u>Example</u>
	<u>Code</u>		
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

FIIG A153
GENERAL INFORMATION
SECTION I/III REQUIREMENTS INDEX

Index of Master Requirement Codes

NAME.....	14
ANNQ.....	14
BWCD	14
BMRP	15
BZRC	15
AAFW	15
BWCF	15
BWSQ.....	16
AJXN	16
AARN	17
APEA	17
ADZC.....	17
ADYY	18
AGBE.....	18
HUES	19
ADAV	19
BWCH	20
BWCJ.....	20
AJXE.....	20
BWCK	21
BRHT.....	21
ABRY	22
BWCL.....	22
ABMK	23
ABNM	23
AJXF	24
BWCM.....	24
AJYE.....	25
AJYH	25
ABSX.....	26
BWCR.....	26
AJRS	27
AJYA	28
AJYB	28
BWCS	29
BWCT.....	29
FEAT	29
TEST	30
SPCL.....	30
ZZZK	31
ZZZT.....	32

FIIG A153
GENERAL INFORMATION
SECTION I/III REQUIREMENTS INDEX

PGCD.....	32
ZZZW	32
ZZZX	33
ZZZY	33
CRTL	33
PRPY	33
ELRN	34
ELCD	34
AFJQ.....	35
AGAV	35
AFJF.....	35
AFJK.....	36
SUPP	36
ZZZP	36
ZZZV	37
CXCY	37

FIIG A153
GENERAL INFORMATION
INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
ALIGNMENT DEVICE, TENT ARCH	27510	AS
An item consisting of a rope or cable of specific length with hooks attached to both ends. It is used to align the arch legs of a segmented tent before anchoring.		
CORD ASSEMBLY, ELASTIC	60316	AS
A definite continuous length of CORD,ELASTIC having one or both ends processed and/or terminated in fittings which provide for connection to another item. It may have intermediate attachments, such as sliding or fixed ring(s) or hook(s). Excludes STRAP, TARPAULIN.		
CORD ASSEMBLY, FIBROUS	41274	AS
A definite continuous length of CORD,FIBROUS having one or both ends processed and/or terminated in fittings which provide for connection to another item. It may have intermediate attachments, such as sliding or fixed ring(s) or hook(s).		
CORD, FIBROUS	31132	AA
A braided cordage item (or twisted fiber glass item) of any diameter with or without a core (includes natural or synthetic fibers). Excludes items with fittings; LINE (as modified). See also TWINE, FIBROUS and ROPE, FIBROUS.		
FIBER ROPE ASSEMBLY, SINGLE LEG	09766	AB
An assembly of fibrous rope with or without terminal attachments in a continuous run from end to end. (If without attachments, one end must terminate in a loop.) It may contain intermediate and/or end attachments such as sliding or fixed rings or hooks.		
HOUSELINE	06546	AD
A small line of three strands laid left handed, for seizing.		
LARIAT	05026	AT
LINE, TENT	10189	AQ
A piece of rope or twine of various lengths and diameters used as a guy, tie down and the like for tents.		
LOOP, TENT TOGGLE	51227	AQ
An item which together with a TOGGLE, TENT is used to connect TENT LINER(s).		

FIIG A153
GENERAL INFORMATION
INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
MARLINE	06547	AE
A small line of two strands twisted loosely left handed, used for seizing and as a covering for wire rope.		
RATLINE	31133	AF
A small, usually three stranded, tarred rope for ratlines. One of the small transverse ropes attached to the shrouds and forming the steps of a rope ladder.		
ROPE, FIBROUS	31134	AG
An assemblage of fibers or filaments (includes natural or synthetic fibers with the exception of asbestos) in the form of a continuous cylindrical length, 1/8 inch (3.175 mm) or over in nominal diameter. It is stranded construction made by twisting or laying together 3 or more strands in which each successive twist direction is in the opposite direction to the preceding twist. See also TWINE, FIBROUS; and CORD, FIBROUS. Excludes items with fittings or loop ends; HOUSELINE; RATLINE; ROPE, ASBESTOS; ROUNDLINE; SEIZING STUFF; ROPE; WIRE; and FIBER (as modified).		
ROUNDLINE	06548	AE
A three stranded line of balanced twist construction used for seizures.		
SEIZING STUFF	31135	AF
A hemp, jute, or sisal cordage specialty sometimes known to the trade as wormline.		
TAPE, LACING AND TYING	24314	AL
A narrow textile material fabricated on a braiding machine and treated with penetrating wax or similar substance which enters the interstices of the material from surface to surface.		
THREAD	31137	AM
A thin, twisted, smooth, strand or filament of vegetable, animal, mineral or synthetic material spun out to considerable length. It is produced in single ply, or two or more plies twisted together in a variety of diameters and colors. Used mainly for stitching fabrics. See also THREAD, GIMP.		
THREAD, GIMP	31138	AR
A coarse strand of vegetable, animal or synthetic material twisted and spun out to considerable length. It is produced in two or more plies in a variety of diameters and colors. Used for reinforcing button holes.		
TWINE, FIBROUS	31139	AN
An assemblage of twisted fibers or filaments, usually designated by commercial number, in the form of a continuous cylindrical length, either of single yarn construction or of a ply yarn construction (includes natural or synthetic fibers). It also includes twisted items of multistrand construction. See also CORD, FIBROUS. Excludes HOUSELINE; MARLINE; RATLINE; ROPE, FIBROUS; ROUNDLINE; SEIZING STUFF; THREAD (as modified); and YARN.		

FIIG A153
GENERAL INFORMATION
INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
YARN	31140	AP

A continuous length of one or more fibers spun and twisted from natural or synthetic fibers, or filaments used in knitting and weaving fabrics. It is usually of looser twist and lower breaking strength than sewing thread, produced in plies, various sizes, and colors.

FIIG A153
GENERAL INFORMATION
APPLICABILITY KEY INDEX

APPLICABILITY KEY INDEX

	<u>AA</u>	<u>AB</u>	<u>AD</u>	<u>AE</u>	<u>AF</u>	<u>AG</u>	<u>AL</u>	<u>AM</u>	<u>AN</u>	<u>AP</u>
NAME	X	X	X	X	X	X	X	X	X	X
ANNQ	X		X	X	X	X	X	X	X	X
BWCD	AR	AR				AR				
BMRP										AR
BZRC	X	X				X			X	AR
AAFW							X	AR	AR	
BWCF										AR
BWSQ		AR			X	AR				
AJXN	AR	X#	AR	X#						
AARN	AR	AR				AR				AR
APEA	AR							AR	AR	AR
ADZC	AR	AR				AR	AR	AR	AR	AR
ADYY	AR	AR		AR		AR	AR			AR
AGBE	AR	AR		AR	AR	AR	AR			
HUES	X	X				X	X	X	X	X
ADAV	AR			AR		AR				
BWCH	AR	AR	AR	AR	AR	AR			AR	
BWCJ								AR		AR
AJXE							AR	AR	AR	
BWCK		AR			AR					
BRHT	AR		AR	AR	AR	X	AR	AR	AR	AR
ABRY	X				X	X	X	AR	AR	AR
BWCL			X					AR	AR	AR
ABMK							X			
ABNM					X					
AJXF		X								
ABTL		AR								
BWCN		AR								
BWCP		AR								
BWCQ		AR								
BWCM		AR								
AJYE		AR								
AARX		AR								
ABKV		AR								
ACXJ		AR								
ACXU		AR								
AKDT		AR								
CQGS		AR								
CQTC		AR								
AJYH		AR								
BWCR		AR								
AJRS		AR								
AJYA		AR								
AJYB		AR								
BWCS		X								
BWCT		AR								
FEAT	AR									
TEST	AR									

FIIG A153
GENERAL INFORMATION
APPLICABILITY KEY INDEX

SPCL	AR									
ZZZK	AR									
ZZZT	AR									
ZZZW	AR									
ZZZX	AR									
ZZZY	AR									
CRTL	AR									
PRPY	AR									
ELRN	AR									
ELCD	AR									
AFJQ	AR									
AGAV	AR									
AFJF	AR									
AFJK	AR									
SUPP	AR									
ZZZP	AR									
ZZZV	AR									
CXCY	AR									

FIIG A153
GENERAL INFORMATION
APPLICABILITY KEY INDEX

	<u>AQ</u>	<u>AR</u>	<u>AS</u>	<u>AT</u>
NAME	X	X	X	X
ANNQ		X	X	X
BZRC	X			
AAFW		AR		
AJXN				AR
AARN	AR		X	AR
APEA		AR		AR
ADZC	AR	AR		
HUES	X	X	AR	
ADAV	AR		X	X
BWCJ			X	
AJXE	AR	AR		
BRHT			X	
ABRY		X	X	X
AJXF	X			
ABTL	AR			
BWCN	AR			
BWCP	AR			
BWCQ	AR			
BWCM	AR			
AJYE	AR			
AARX	AR			
ABKV	AR			
ACXJ	AR			
ACXU	AR			
AKDT	AR			
CQGS	AR			
CQTC	AR			
AJYH	AR			
ABSX			X	
BWCR	AR			
AJRS	AR			
BWCS	X			
BWCT	AR			
FEAT	AR	AR	AR	AR
TEST	AR	AR	AR	AR
SPCL	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR
CRTL	AR	AR	AR	AR
PRPY	AR	AR	AR	AR
ELRN	AR	AR	AR	AR
ELCD	AR	AR	AR	AR
AFJQ	AR	AR	AR	AR
AGAV	AR	AR	AR	AR
AFJF	AR	AR	AR	AR
AFJK	AR	AR	AR	AR
SUPP	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR

FIIG A153
GENERAL INFORMATION
APPLICABILITY KEY INDEX

CXCY AR AR AR AR

SECTION I

APP Key	MRC	Mode Code	Requirements
<hr/>			
ALL	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED09766*)

AA, AD, AE, AF, AG, AL, AM, AN, AP, AR, AS, AT

ANNQ	H	MATERIAL AND LOCATION
------	---	-----------------------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT, AND ITS LOCATION.

Reply Instructions: Enter the applicable Reply Codes from [Appendix A](#), Table 1, and from the table below. Exclude intermediate and terminal attachments. (e.g., ANNQHCC0000AAB*; ANNQHCC0000AAB\$\$HFB0000AAB*; ANNQHCC0067AAB\$HCC0054AAB*)

<u>REPLY CODE</u>	<u>REPLY (AJ91)</u>
AKR	CORE
BYS	OUTER COVERING
AAB	OVERALL

AA*, AB*, AG*

BWCD	A	CORE YARN QUANTITY
------	---	--------------------

Definition: THE NUMBER OF YARNS UTILIZED TO MAKE UP THE CORE.

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements						
Reply Instructions: Enter the quantity. (e.g., BWCDA4*; BWCDA4-7*)									
AP*									
BMRP D PROCESSING TYPE									
Definition: INDICATES THE TYPE OF PROCESSING OF THE ITEM.									
Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BMRPDAAL*)									
<table><thead><tr><th><u>REPLY CODE</u></th><th><u>REPLY (AN35)</u></th></tr></thead><tbody><tr><td>AAL</td><td>CARDED</td></tr><tr><td>AAM</td><td>COMBED</td></tr></tbody></table>				<u>REPLY CODE</u>	<u>REPLY (AN35)</u>	AAL	CARDED	AAM	COMBED
<u>REPLY CODE</u>	<u>REPLY (AN35)</u>								
AAL	CARDED								
AAM	COMBED								
AA, AB, AG, AN, AP*, AQ									
BZRC A STRAND QUANTITY									
Definition: THE NUMBER OF STRANDS PROVIDED.									
Reply Instructions: Enter the quantity. (e.g., BZRCA9*; BZRCA16\$A32*)									
For INC 31132, enter the number of strands (also known as carriers or ends) per braid.									
AM,* AN*, AP*, AR*									
AAFW A PLY QUANTITY									
Definition: THE ACTUAL NUMBER OF FULL LAYERS OF MATERIAL.									
Reply Instructions: Enter the quantity. (e.g., AAFWA4*)									
AP*									
BWCF A SINGLE PLY SIZE DESIGNATION									
Definition: A DESIGNATION INDICATING THE SIZE BY WHICH A SINGLE PLY IS COMMERCIALY KNOWN AND/OR IDENTIFIED.									
Reply Instructions: Enter the designator. (e.g., BWCFA60*)									

FIIG A153
SECTION I

APP Key	Mode Code	Requirements
AB*, AF, AG*		

BWSQ J CIRCUMFERENCE

Definition: THE DISTANCE AROUND THE OUTSIDE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BWSQJAA1.250*; BWSQJLA25.4*; BWSQJAB1.000\$\$JAC1.250*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AP

AJXN J BREAKING STRENGTH

Definition: THE MEASURED LOAD REQUIRED TO BREAK THE ITEM IN TENSION.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AJXNJPA375.0*; AJXNJPB375.0\$\$JPC500.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AJXNKN*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AB16)</u>
Z	DECANEWTONS
K	KILOGRAMS
X	NEWTONS
P	POUNDS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
		C	MAXIMUM

AA*, AB*, AG*, AN*, AQ*, AS, AT*

AARN D FABRICATION METHOD

Definition: THE PROCESS USED IN MANUFACTURING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AARNDAB*; AARNDAB\$DAW*)

<u>REPLY CODE</u>	<u>REPLY (AA62)</u>
AB	BRAIDED
HY	CABLE LAID
FT	PLAITED
AY	TWISTED
AW	WOVEN

AA*, AM*, AN*, AP*, AR*, AT*

APEA D SURFACE CONDITION

Definition: THE CONDITION OF THE ITEM WITH RESPECT TO THE TEXTURE OF THE SURFACE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APEADAAX*)

<u>REPLY CODE</u>	<u>REPLY (AK39)</u>
A	ANY ACCEPTABLE
BGZ	BONDED
BAQ	GLAZED
BCZ	MERCERIZED
BBD	NATURAL
AAX	POLISHED
BDE	SOFT
BHA	WAXED

AA*, AB*, AG*, AL*, AM*, AN*, AP*, AQ*, AR*

ADZC D ENVIRONMENTAL PROTECTION

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
Definition: THE ENVIRONMENTAL ELEMENTS OR CONDITIONS THAT AN ITEM IS DESIGNED OR PROTECTED TO RESIST OR WITHSTAND SATISFACTORILY.			
Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADZCDAD*; ADZCDCY\$\$DTH*)			
<u>REPLY CODE</u>			<u>REPLY (AA65)</u>
AB			ACID RESISTANT
AW			CHEMICAL RESISTANT
QX			EXTREME TEMPERATURE RESISTANT
AD			FIRE RETARDANT
			Fungus Resistant (use Reply CODE AJ)
CY			HEAT RESISTANT
TH			HIGH TEMPERATURE RESISTANT
KK			LIGHT RESISTANT
AJ			MILDEW RESISTANT
			Mildew Resistant per MIL-T-3530 (use Reply CODE AJ)
BH			MOTH RESISTANT
LY			STAIN RESISTANT
DZ			WATER REPELLENT
			Water Repellent per MIL-T-3530 (use Reply CODE DZ)
BT			WEATHER RESISTANT

AA*, AB*, AE*, AG*, AL*, AN*

ADYY D COATING MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE WITH WHICH THE ITEM IS COATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., ADYYDPCCP00*; ADYYDPCCP00\$\$DLR0000*; ADYYDPCCP00\$DRL0000*)

AA*, AB*, AE*, AF*, AG*, AL*

AGBE D IMPREGNATION MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE WITH WHICH THE ITEM IS SATURATED.

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AGBEDCEF000*; AGBEDLCF000\$\$DWA0000*; AGBEDLCF000\$DWA0000*)			
NOTES FOR MRC HUES: FOR APPLICABILITY KEYS AB, AG, AND AN, USE A COLOR REPLY CODE WHEN THE ITEM WAS DYED TO THAT SPECIFIC COLOR. IF NOT DYED, USE THE REPLY CODE FOR NATURAL. FOR APPLICABILITY KEY AM, IF UNBLEACHED, USE NATURAL; IF BLEACHED, USE WHITE. FOR APPLICABILITY KEY AP, IF OF DIFFERENT (VARIEGATED) COLORS, USE AND/OR CODING (\$\$/\$/).			

AA, AB, AG, AL, AM, AN, AP, AQ, AR, AS* (See Note Above)

HUES D COLOR

Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 3. (e.g., HUESDBU0000*; HUESDBU0000\$\$DGY0000*; HUESDGR0030\$DRG0050*)

AA*, AE*, AG*, AQ*, AS, AT

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA0.219*; ADAVJLA25.4*; ADAVJAB0.255\$\$JAC0.260*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AA*, AB*, AD*, AE*, AF*, AG*, AN*

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
BWCH	J		LENGTH PER WEIGHT

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF AN ITEM FOR A SPECIFIED WEIGHT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BWCHJHHA0.930*; BWCHKMA25.4*; BWCHJHHB0.930\$\$JHHC1.000*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AG67)</u>
HH	FEET PER POUND
KM	METERS PER KILOGRAM

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AM*, AP*, AR

BWCJ	D	FINISHING TWIST TYPE
------	---	----------------------

Definition: INDICATES THE TYPE OF FINISHING TWIST PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWCJDCD*; BWCJDCD\$DCE*)

Refer to Appendix C, Table 5 for identification of S- and Z-Twist.

<u>REPLY CODE</u>	<u>REPLY (AG70)</u>
CD	S-TWIST
CE	Z-TWIST

AM*, AN*, AQ*, AR*

AJXE	A	SIZE DESIGNATOR
------	---	-----------------

Definition: A DESIGNATION INDICATING THE SIZE BY WHICH THE ITEM IS COMMERCIALLY KNOWN AND/OR IDENTIFIED.

Reply Instructions: Enter the designator. (e.g., AJXEA168*)

FIIG A153
SECTION I

APP Key	Mode Code	Requirements
------------	--------------	--------------

For INC 31139, see Appendix C, Table 3 for Commercial Size Designations.

AB*, AG*

BWCK J LENGTH PER TEN TURNS

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF TEN TURNS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BWCKJAA35.750*; BWCKJLA25.4*; BWCKJAB35.000\$\$JAC35.750*)

A turn is the distance parallel to the axis of the rope on which a strand makes one complete spiral.

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AA*, AD*, AE*, AF*, AG, AL*, AM*, AN*, AP*, AR

BRHT D ISSUE FORM

Definition: AN INDICATION OF THE FORM IN WHICH THE ITEM IS ISSUED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BRHTDAAGR*)

<u>REPLY CODE</u>	<u>REPLY (AE98)</u>
A	ANY ACCEPTABLE
AACH	BALL
AABK	BLOCK
AAGM	COIL
AAGT	CONE
AAGN	HANK
	King Tube (use Reply CODE AAGQ)
	Plain Tube (use Reply CODE AAAK)

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
		AAGP	REEL
		AAGX	ROLL
			Single Headed Spool (use Reply CODE AAGQ)
		AAGQ	SINGLE HEADED TUBE
		AAGR	SKEIN
		AAGS	SPOOL
			Straight Tube (use Reply CODE AAAK)
		AAAK	TUBE

AA, AF, AG, AL, AM*, AN*, AP*, AR, AS, AT

ABRY J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJYA73.300*; ABRYJMA39.3*; ABRYJFB1.000\$\$JFC2.500*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
F	FEET
M	METERS
Y	YARDS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NOTE FOR MRC BWCL: FOR APPLICABILITY KEYS AM, AN AND AP, IF NO REPLY IS ENTERED FOR MRC ABRY, REPLY TO MRC BWCL.

AE, AM*, AN*, AP* (See Note Above)

BWCL J ISSUE FORM WEIGHT

Definition: THE WEIGHT OF THE ITEM IN ISSUE FORM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BWCLJANA4.0*; BWCLJBAA32.0*; BWCLJANB4.0\$\$JANC12.0*)

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
<u>Table 1</u>			
		<u>REPLY CODE</u>	<u>REPLY (AG67)</u>
		BA	GRAMS
		AN	OUNCES
		AS	POUNDS

<u>Table 2</u>			
		<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

AL

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA0.125*; ABMKJLA6.3*; ABMKJAB0.255\$\$JAC0.300*)

<u>Table 1</u>			
		<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
		A	INCHES
		L	MILLIMETERS

<u>Table 2</u>			
		<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

AL

ABNM J THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
------------	-----	--------------	--------------

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.012*; ABNMJLA6.3*; ABNMJAB0.032\$\$JAC0.040*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AB, AQ

AJXF L ROPE STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ROPE.

Reply Instructions: Enter the applicable style number from [Appendix B](#), Reference Drawing Group A. (e.g., AJXFL4*)

Selection of style must be made without regard to terminal attachments.

NOTE FOR MRCS BWCM, AJYE, AND AJYH: REPLY TO MRCS BWCM, AJYE, AND AJYH AS INDICATED IN THE TABLE BELOW FOR THE ROPE STYLE SELECTED.

<u>STYLE BWCM</u>	<u>MRCS AJYE</u>	<u>AJYH</u>
1	X	
2	X	
3	X	X
4	X	X
5	X	X
6		X

AB*, AQ* (See Note Above)

BWCM D LOOP RETENTION METHOD

APP Key	MRC	Mode Code	Requirements
Definition: THE MEANS USED FOR RETAINING A LOOP.			
Reply Instructions: Enter the applicable Reply Code from the table below. When more than one loop and the forming method is identical, enter one reply. When the forming method differs, use AND coding (\$\$) starting with the smaller loop. (e.g., BWCMDAFL*; BWCMDBFP\$\$DBFN*)			

<u>REPLY CODE</u>	<u>REPLY (AM39)</u>
ABH	CLAMP
AFL	CLIP
BFN	KNOTTED
BFP	SEWED
BEK	SPLICE
BEL	SPLICED/SERVED

AB*, AQ* (See Note Preceding MRC BWCM)

AJYE L THIMBLE STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE THIMBLE.

Reply Instructions: Enter the applicable style number from [Appendix B](#), Reference Drawing Group C. When both ends are identical, enter only one reply. When the ends are not identical, use AND coding (\$\$), starting with the first end as established in Appendix B, Reference Drawing Group A. (e.g., AJYEL4*; AJYEL4\$\$L7*)

AB*, AQ* (See Note Preceding MRC BWCM)

AJYH D ROPE END CONDITIONING METHOD

Definition: THE MEANS USED TO PREVENT UNRAVELING OF THE ROPE ENDS.

Reply Instructions: Enter the applicable Reply Code from the table below. When both ends are the same (Style 6), enter only one reply. When the conditions differ, use AND coding (\$\$) entering replies in reply table sequence. (e.g., AJYHDHF*; AJYHDHZ\$\$DJB*)

SERVED refers to a tight winding of nonmetallic strand covering a small portion of the end, to prevent unraveling.

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
		A	ANY ACCEPTABLE
		HF	BACK SPLICED
		HZ	CLAMPED
			Fused (use Reply CODE HH)
		HH	HEAT SEALED
		JA	KNOTTED
			Seared (use Reply CODE HH)
			Seized (use Reply CODE HK)
		HK	SERVED
		JB	SEWED
			Whipped (use Reply CODE HK)

AS

ABSX D ATTACHMENT METHOD

Definition: THE MEANS USED TO ATTACH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ABSXDEB*)

<u>REPLY CODE</u>	<u>REPLY (AB47)</u>
NH	EYEBOLT
EB	HOOK
HG	LOOP
MF	LUG
CR	RING
YN	SNAP HOOK

NOTE FOR MRCS BWCR AND AJRS: THE FIRST END (AS DETERMINED BY APPENDIX B, REFERENCE DRAWING GROUP A) WILL CONTROL THE ORDER OF REPLY. A REPLY TO MRC BWCR, SHOULD BE FOLLOWED IMMEDIATELY BY A REPLY TO MRC AJRS, FOR EACH SEPARATE ATTACHMENT THROUGHOUT THE ASSEMBLY, BEGINNING WITH THE "FIRST TERMINAL ATTACHMENT FIRST END." (e.g., BWCRJBRN5\$\$JBRP6; AJRS2BSJAAJRE8.000*; AJRS2BJJAAJRE9.000*).*

AB*, AQ* (See Note Above)

BWCR J ATTACHMENT STYLE AND LOCATION

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ATTACHMENT, AND ITS LOCATION.

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
------------	-----	--------------	--------------

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 5, followed by the attachment style number from Appendix B, Reference Drawing Group B. (e.g. BWCRJBRN6; BWCRJBRN6\$\$JBRS5*; BWCRJBRN5\$JBRN6*).*

AB, AQ* (See Note Preceding MRC BWCR)*

AJRS J ATTACHMENT STYLE DIMENSIONS

Definition: THOSE MEASURED DISTANCES WHICH ARE CHARACTERISTIC OF THE ITEM AND ESTABLISH ITS PHYSICAL LIMITS.

Reply Instructions: Enter MRC, the applicable ISAC from the Table below, followed by the Mode Code, and the Reply Codes from Tables 1, 2, and 3, Appendix B, Reference Drawing Group B followed by the numeric value. (e.g., AJRS2BSJAAJRE6.000; AJRS2BSJAAJRE6.000*; AJRS2BTJABAJRE7.950\$\$JACAJRE8.050*; AJRS2BSJAAJRE8.000*; AJRS2BJJAAJRE6.000*).*

<u>ISAC FIELD INDICATOR</u>	<u>LOCATION (0257)</u>
2AD	ALL ATTACHMENTS
2AZ	CORE
2BQ	ROPE
2BR	THIMBLE
2AF	FIRST INTERMEDIATE ATTACHMENT
2BS	FIRST TERMINAL ATTACHMENT FIRST END
2BT	FIRST TERMINAL ATTACHMENT SECOND END
2AG	SECOND INTERMEDIATE ATTACHMENT
2BJ	SECOND TERMINAL ATTACHMENT FIRST END
2BM	SECOND TERMINAL ATTACHMENT SECOND END
2AH	THIRD INTERMEDIATE ATTACHMENT
2BK	THIRD TERMINAL ATTACHMENT FIRST END
2BN	THIRD TERMINAL ATTACHMENT SECOND END
2AJ	FOURTH INTERMEDIATE ATTACHMENT
2BL	FOURTH TERMINAL ATTACHMENT FIRST END
2BP	FOURTH TERMINAL ATTACHMENT SECOND END
2AK	FIFTH INTERMEDIATE ATTACHMENT
2BU	FIFTH TERMINAL ATTACHMENT FIRST END
2BV	FIFTH TERMINAL ATTACHMENT

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
<i>SECOND END</i>			

AB*

AJYA D INTERMEDIATE ATTACHMENT TYPE

Definition: INDICATES THE TYPE OF INTERMEDIATE ATTACHMENT(S) PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJYADC*)

<u>REPLY CODE</u>	<u>REPLY (AC06)</u>
C	NOT ADJUSTABLE
D	SLIDING

NOTE FOR MRC AJYB: IF REPLY CODE C IS ENTERED FOR MRC AJYA, REPLY TO MRC AJYB.

AB* (See Note Above)

AJYB J FIRST END TO FIRST FIXED INTERMEDIATE ATTACHMENT DISTANCE

Definition: THE DISTANCE WHICH LOCATES THE FIXED ATTACHMENT WITH RELATION TO THE ASSEMBLED END.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AJYBJAA48.000*; AJYBJLA1270.0*; AJYBJAB48.000\$\$JAC49.000*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements
<hr/>			
AB, AQ			
BWCS H ASSEMBLY MATERIAL AND LOCATION			
Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ASSEMBLY IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT, AND ITS LOCATION.			
<i>Reply Instructions: Enter the applicable Reply Codes from Appendix A, Table 1 and Appendix A, Table 5. (e.g., BWCSHRL0000CBB*; BWCSHRL0000CBB\$HSS0000CBB*; BWCSHPL0000CBE\$\$HRL0000CBE*)</i>			
AB*, AQ*			
BWCT H ATTACHMENT SURFACE TREATMENT AND LOCATION			
Definition: THE PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE SURFACE OF THE ATTACHMENT, AND ITS LOCATION.			
<i>Reply Instructions: Enter the applicable Reply Codes from Appendix A, Table 2 and Appendix A, Table 5. (e.g., BWCTHCD0000CBC*; BWCTHCD0000CBC\$HZN0002CBC*; BWCTHPSC000BRS\$\$HVA0000BRS*)</i>			
ALL*			
FEAT G SPECIAL FEATURES			
Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.			
<i>Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)</i>			
ALL*			

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
TEST	J		TEST DATA DOCUMENT
Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.			
Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.			
(e.g., TESTJA12345-CWX654321*; TESTJA1234A-654321\$\$JB5556A-663654*; TESTJAA2345-654321\$JB55566-663654*)			

<u>REPLY CODE</u>	<u>REPLY (AC28)</u>
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.			
Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)			
ALL*			
ZZZK	J		SPECIFICATION/STANDARD DATA
Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.			
Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.			
(e.g., ZZZKJT81337-30642B*; ZZZKJS81349-MIL-D-180 REV1/CANCELED/*; ZZZKJP80205-NAS1103*; ZZZKJS81349-MIL-C-1140C/CE/*; ZZZKJT81337-30642B\$\$JP80205-NAS1103*)			

<u>REPLY CODE</u>	<u>REPLY (AN62)</u>
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
	P		PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL * (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 4, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1; ZZZTJTY1\$\$JSTA*; ZZZTJTY1\$JSTA*)*

AM, AP*, AQ*, AS**

PGCD A *PROCUREMENT GROUP CODE*

Definition: A FIVE DIGIT NUMERIC CODE USED TO GROUP INDIVIDUAL SIZES OF A STANDARD GENERIC ITEM.

Reply Instructions: Enter the five digit numeric value (e.g., PGCDA12345)*

Definition: A THREE DIGIT NUMERIC CODE USED FOR SEQUENCING ITEMS IN ASCENDING SIZE ORDER FROM SMALLEST TO LARGEST SIZE.

Reply Instructions: Enter the three digit numeric value. (e.g., SSEQA123)*

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

FIIG A153
SECTION I

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

ALL*

ZZZX G DEPARTURE FROM CITED DESIGNATOR

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)

ALL*

ZZZY G REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

ALL*

CRTL A CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL\$\$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

PRPY A PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL\$\$ASURF*)

ALL*

ELRN G EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g.,
ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480
ANN112036BIL060557LEN313605UZ62365 & S1234
NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

<u>REPLY CODE</u>	<u>REPLY (AN58)</u>
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION III

APP Key	MRC	Mode Code	Requirements						
<hr/>									
ALL									
		J	STORAGE TEMP RANGE						
Definition: THE MINIMUM AND MAXIMUM TEMPERATURE AT WHICH AN ITEM CAN BE STORED WITHOUT DETRIMENTAL EFFECT.									
Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values. (e.g., AFJQJFM32.0/P50.0*)									
<table><thead><tr><th><u>REPLY CODE</u></th><th><u>REPLY (AB36)</u></th></tr></thead><tbody><tr><td>C</td><td>DEG CELSIUS</td></tr><tr><td>F</td><td>DEG FAHRENHEIT</td></tr></tbody></table>				<u>REPLY CODE</u>	<u>REPLY (AB36)</u>	C	DEG CELSIUS	F	DEG FAHRENHEIT
<u>REPLY CODE</u>	<u>REPLY (AB36)</u>								
C	DEG CELSIUS								
F	DEG FAHRENHEIT								
<hr/>									
ALL									
	AGAV	G	END ITEM IDENTIFICATION						
Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.									
Reply Instructions: Enter the reply in clear text, giving the NSN and the name. If the NSN is not assigned, give the complete name, model number, and type designation. (e.g., AGAVG3930-00-000-0000*; AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)									
<hr/>									
ALL		D	SPECIFIC USE						
Definition: THE REQUIRED PURPOSE OR APPLICATION FOR WHICH THE ITEM IS DESIGNED.									
Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJFDLQ*; AFJFDLP\$DLR*)									
<table><thead><tr><th><u>REPLY CODE</u></th><th><u>REPLY (AD34)</u></th></tr></thead><tbody><tr><td>QA</td><td>BASTING</td></tr><tr><td>LP</td><td>BRAIDING</td></tr></tbody></table>				<u>REPLY CODE</u>	<u>REPLY (AD34)</u>	QA	BASTING	LP	BRAIDING
<u>REPLY CODE</u>	<u>REPLY (AD34)</u>								
QA	BASTING								
LP	BRAIDING								

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
	QB		CARPET STITCHING
	LQ		COIL WINDING MACHINE
	QC		CROCHETING
	QD		DARNING
	LR		HAND KNITTING
	QE		HEAVY LEATHER
	LS		LUBRICATING
	QF		RUG WEAVING
	LT		WEAVING

ALL

AFJK J CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB2.375*; AFJKJC6.0*)

<u>REPLY CODE</u>	<u>REPLY (AD42)</u>
C	CUBIC CENTIMETERS
B	CUBIC INCHES

ALL

SUPP G SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

ZZZP J PURCHASE DESCRIPTION IDENTIFICATION

FIIG A153
SECTION I

APP Key	MRC	Mode Code	Requirements
Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.			
Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.			
(e.g., ZZZPJ81A37-30624A*)			
ALL			
ZZZV G FSC APPLICATION DATA			
Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.			
Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)			
ALL			
CXY G PART NAME ASSIGNED BY CONTROLLING AGENCY			
Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.			
Reply Instructions: Enter the reply in clear text. (e.g., CXYGLINE PROCESSOR CONTROL BOARD*)			

Reply Tables

Table 1 - MATERIALS	38
Table 2 - SURFACE TREATMENTS.....	51
Table 3 - COLORS	52
Table 4 - NONDEFINITIVE SPEC/STD DATA.....	58
Table 5 - ASSEMBLY TERMINAL/INTERMEDIATE ATTACHMENT SEQUENCE.....	60

Table 1 - MATERIALS

MATERIALS

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
AK0000	ACRYLIC
A	ANY ACCEPTABLE (use for MRCs ADYY and AGBE only)
AAAAAA	ANY ACCEPTABLE (use for MRCs ANNQ and BWCS only) Aramid (use Reply CODE PLS000)
AS0000	ASBESTOS
BR0000	BRASS
BN0000	BRONZE
CEH000	COMPOUND, MILDEW INHIBITOR
CEF000	COMPOUND, WATER REPELLENT
CUAAE0	COPPER-8-QUINOLINOLATE
CC0000	COTTON
CC0049	COTTON, MIL-C-5649
CC0050	COTTON, MIL-H-226, CLASS 1
CC0051	COTTON, MIL-H-226, CLASS 2
CC0052	COTTON, MIL-L-1145
CC0067	COTTON, MIL-R-1670
CC0053	COTTON, MIL-R-1670, CLASS 4
CC0054	COTTON, T-C-571
CC0055	COTTON, T-R-00571
CC0066	COTTON, T-R-571
CC0056	COTTON, T-T-871
CC0057	COTTON, T-T-881
CC0058	COTTON, T-T-931 (Canceled)
DFCCDX	DACRON
FB0000	FIBER
FBZ000	FIBER, COTTON
FBAAD0	FIBER, HENEQUEN
FBE000	FIBER, JUTE
FB0030	FIBER, JUTE, MIL-R-1670, TYPE 3
FB0031	FIBER, JUTE, T-R-650
FB0032	FIBER, JUTE, T-T-911

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
FBF000	FIBER, SISAL
FB0033	FIBER, SISAL, MIL-R-1670, TYPE 2
FB0034	FIBER, SISAL, T-R-605, TYPE S
FBA000	FIBER, VEGETABLE
FB0035	FIBER, VEGETABLE, MIL-T-713, TYPE N
FX0000	FLAX
FX0004	FLAX, T-L-411, TYPE 1
GS0000	GLASS
GSX000	GLASS, FIBROUS
GS0087	GLASS, FIBROUS, MIL-Y-1140, CLASS C
GS0088	GLASS, FIBROUS, MIL-Y-1140, CLASS S
GSC000	GLASS FILLED MELAMINE
GS0089	GLASS, MIL-T-43435, TYPE 4
HM0000	HEMP
HMA000	HEMP, MANILA
HM0003	HEMP, MANILA, MIL-R-1670, TYPE 1
HM0004	HEMP, MANILA, T-R-605, TYPE M, CLASS 1
HM0005	HEMP, MANILA, T-R-605, TYPE M, CLASS 2
HM0002	HEMP, T-R-650
FE0000	IRON
LN0000	LINEN
LN0001	LINEN, MIL-C-2522
LN0002	LINEN, MIL-C-43258
LN0003	LINEN, MIL-T-2520
LN0004	LINEN, T-T-891
DFF000	NYLON
NYD000	NYLON, PLASTIC COATED
NY0046	NYLON, 75A, G C ELECTRONICS CO
LCF000	OIL PRESERVATIVE
PF0000	PAPER
PZ0000	PHOSPHOR BRONZE
PC0000	PLASTIC
PCC000	PLASTIC, ACRYLIC
PCEEF0	PLASTIC, NYLON
PCAE00	PLASTIC, POLYAMIDE
PCAB00	PLASTIC, POLYESTER
PC0879	PLASTIC, POLYESTER, MIL-C-43256
PC0891	PLASTIC, POLYESTER, MIL-C-43588
PC0892	PLASTIC, POLYESTER, MIL-C-43678
PC0893	PLASTIC, POLYESTER, MIL-R-24355, TYPE 1
PC0894	PLASTIC, POLYESTER, MIL-R-24355, TYPE 2
PC1748	PLASTIC, POLYESTER, MIL-R-30500
PC0880	PLASTIC, POLYESTER, MIL-T-43435, TYPE 2
PCCR00	PLASTIC, POLYETHYLENE
PCAF00	PLASTIC, POLYPROPYLENE
PC0881	PLASTIC, POLYPROPYLENE, MIL-P-24216
PC0882	PLASTIC, POLYPROPYLENE, MIL-R-24049, TYPE 1
PC0883	PLASTIC, POLYPROPYLENE, MIL-R-24049, TYPE 2

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
PCDDDG	PLASTIC, TETRAFLUOROCARBON
PC0887	PLASTIC, TETRAFLUOROCARBON, MIL-T-43435, TYPE 3
PCAAAL	PLASTIC, TETRAFLUOROETHYLENE
PCCP00	PLASTIC, VINYL CHLORIDE
PL0000	POLYAMIDE NYLON
PLS000	POLYAMIDE NYLON, ARAMID
PL0012	POLYAMIDE NYLON, MIL-C-572, TYPE P, FORM C
PL0069	POLYAMIDE NYLON, MIL-C-572, TYPE P, FORM MF
PL0023	POLYAMIDE NYLON, MIL-C-5040
PL0013	POLYAMIDE NYLON, MIL-C-7515
PL0014	POLYAMIDE NYLON, MIL-C-43307
PL0015	POLYAMIDE NYLON, MIL-C-81104
PL0024	POLYAMIDE NYLON, MIL-C-83242
PL0016	POLYAMIDE NYLON, MIL-L-18925
PL0017	POLYAMIDE NYLON, MIL-R-1688
PL0025	POLYAMIDE NYLON, MIL-R-17343
PL0018	POLYAMIDE NYLON, MIL-R-24050
PL0026	POLYAMIDE NYLON, MIL-R-24337
PL0019	POLYAMIDE NYLON, MIL-R-43161
PL0027	POLYAMIDE NYLON, MIL-T-713, TYPE P, CLASS 1
PL0028	POLYAMIDE NYLON, MIL-T-713, TYPE P, CLASS 2
PL0029	POLYAMIDE NYLON, MIL-T-713, TYPE P, CLASS 3
PL0020	POLYAMIDE NYLON, MIL-T-43435, TYPE 1
PL0021	POLYAMIDE NYLON, MIL-T-43435, TYPE 5
PL0022	POLYAMIDE NYLON, T-L-411
DFAAR0	POLYESTER Preservative Wax (use Reply CODE WA0000)
RL0000	RAYON
RL0001	RAYON, MIL-C-572, TYPE SAR, FORM C
RL0002	RAYON, MIL-C-4232
RL0003	RAYON, MIL-T-713, TYPE SAR, CLASS 1
RL0004	RAYON, MIL-T-713, TYPE SAR, CLASS 2
RL0005	RAYON, MIL-T-713, TYPE SAR, CLASS 3
RCC000	RUBBER, SYNTHETIC
SLC000	SILICONE RESIN
SS0000	SILK
SS0001	SILK, MIL-C-453, CLASS A
SS0002	SILK, MIL-C-453, CLASS B
SS0003	SILK, MIL-C-453, CLASS C
SS0004	SILK, MIL-C-453, CLASS D
ST0000	STEEL
ST6465	STEEL, AISI E4340
ST6466	STEEL, AISI E4340H
ST6334	STEEL, AISI 1008
ST6335	STEEL, AISI 1010
ST6339	STEEL, AISI 1012
ST6341	STEEL, AISI 1015
ST6345	STEEL, AISI 1016

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ST6346	STEEL, AISI 1017
ST6347	STEEL, AISI 1018
ST3846	STEEL, AISI 1019
ST6348	STEEL, AISI 1020
ST6351	STEEL, AISI 1021
ST6352	STEEL, AISI 1022
ST6353	STEEL, AISI 1023
ST3847	STEEL, AISI 1024
ST6354	STEEL, AISI 1025
ST3848	STEEL, AISI 1026
ST6355	STEEL, AISI 1027
ST6356	STEEL, AISI 1029
ST6357	STEEL, AISI 1030
ST6361	STEEL, AISI 1035
ST6362	STEEL, AISI 1036
ST6363	STEEL, AISI 1037
ST6364	STEEL, AISI 1038
ST6365	STEEL, AISI 1039
ST6366	STEEL, AISI 1040
ST6367	STEEL, AISI 1041
ST6368	STEEL, AISI 1042
ST6369	STEEL, AISI 1043
ST6370	STEEL, AISI 1044
ST6371	STEEL, AISI 1045
ST6372	STEEL, AISI 1046
ST6373	STEEL, AISI 1048
ST6374	STEEL, AISI 1049
ST6375	STEEL, AISI 1050
ST6376	STEEL, AISI 1051
ST6377	STEEL, AISI 1052
ST6378	STEEL, AISI 1053
ST6380	STEEL, AISI 1055
ST6382	STEEL, AISI 1060
ST6388	STEEL, AISI 1070
ST6393	STEEL, AISI 1078
ST6394	STEEL, AISI 1080
ST6395	STEEL, AISI 1084
ST6398	STEEL, AISI 1090
ST6399	STEEL, AISI 1095
ST6425	STEEL, AISI 1330
ST6426	STEEL, AISI 1330H
ST6427	STEEL, AISI 1335
ST6428	STEEL, AISI 1335H
ST6429	STEEL, AISI 1340
ST6430	STEEL, AISI 1340H
ST6431	STEEL, AISI 1345
ST6432	STEEL, AISI 1345H
ST6433	STEEL, AISI 4012

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ST6434	STEEL, AISI 4023
ST6435	STEEL, AISI 4024
ST6436	STEEL, AISI 4027
ST6437	STEEL, AISI 4027H
ST6438	STEEL, AISI 4028
ST6439	STEEL, AISI 4028H
ST6440	STEEL, AISI 4037
ST6441	STEEL, AISI 4037H
ST6442	STEEL, AISI 4047
ST6443	STEEL, AISI 4047H
ST6444	STEEL, AISI 4118
ST6445	STEEL, AISI 4118H
ST6000	STEEL, AISI 4130
ST6447	STEEL, AISI 4130H
ST6448	STEEL, AISI 4137
ST6449	STEEL, AISI 4137H
ST6001	STEEL, AISI 4140
ST6451	STEEL, AISI 4140H
ST6452	STEEL, AISI 4142
ST6453	STEEL, AISI 4142H
ST6454	STEEL, AISI 4145
ST6455	STEEL, AISI 4145H
ST6456	STEEL, AISI 4147
ST6457	STEEL, AISI 4147H
ST3849	STEEL, AISI 4150
ST6458	STEEL, AISI 4150H
ST6459	STEEL, AISI 4161
ST6460	STEEL, AISI 4161H
ST6461	STEEL, AISI 4320
ST6462	STEEL, AISI 4320H
ST6463	STEEL, AISI 4340
ST6464	STEEL, AISI 4340H
ST6467	STEEL, AISI 4419
ST6468	STEEL, AISI 4419H
ST6469	STEEL, AISI 4615
ST6002	STEEL, AISI 4620
ST6470	STEEL, AISI 4620H
ST6471	STEEL, AISI 4621
ST6473	STEEL, AISI 4626
ST6474	STEEL, AISI 4626H
ST6475	STEEL, AISI 4718
ST6476	STEEL, AISI 4718H
ST6477	STEEL, AISI 4720
ST6478	STEEL, AISI 4720H
ST6479	STEEL, AISI 4815
ST6480	STEEL, AISI 4815H
ST6481	STEEL, AISI 4817
ST6482	STEEL, AISI 4817H

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ST6483	STEEL, AISI 4820
ST6484	STEEL, AISI 4820H
ST6485	STEEL, AISI 5015
ST6486	STEEL, AISI 5120
ST6487	STEEL, AISI 5120H
ST6488	STEEL, AISI 5130
ST6489	STEEL, AISI 5130H
ST6490	STEEL, AISI 5132
ST6491	STEEL, AISI 5132H
ST6492	STEEL, AISI 5135
ST6493	STEEL, AISI 5135H
ST6494	STEEL, AISI 5140
ST6495	STEEL, AISI 5140H
ST6496	STEEL, AISI 5145
ST6497	STEEL, AISI 5145H
ST6498	STEEL, AISI 5147
ST6499	STEEL, AISI 5147H
ST6500	STEEL, AISI 5150
ST6501	STEEL, AISI 5150H
ST6502	STEEL, AISI 5155
ST6503	STEEL, AISI 5155H
ST6504	STEEL, AISI 5160
ST6505	STEEL, AISI 5160H
ST6508	STEEL, AISI 6118
ST6509	STEEL, AISI 6118H
ST3850	STEEL, AISI 6150
ST6511	STEEL, AISI 6150H
ST6003	STEEL, AISI 8615
ST6513	STEEL, AISI 8617
ST6514	STEEL, AISI 8617H
ST6515	STEEL, AISI 8620
ST6516	STEEL, AISI 8620H
ST6517	STEEL, AISI 8622
ST6518	STEEL, AISI 8622H
ST6519	STEEL, AISI 8625
ST6520	STEEL, AISI 8625H
ST6521	STEEL, AISI 8627
ST6522	STEEL, AISI 8627H
ST6523	STEEL, AISI 8630
ST6524	STEEL, AISI 8630H
ST6525	STEEL, AISI 8637
ST6526	STEEL, AISI 8637H
ST6527	STEEL, AISI 8640
ST6528	STEEL, AISI 8640H
ST6529	STEEL, AISI 8642
ST6531	STEEL, AISI 8645
ST6532	STEEL, AISI 8645H
ST6533	STEEL, AISI 8655

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ST6534	STEEL, AISI 8655H
ST6535	STEEL, AISI 8720
ST6536	STEEL, AISI 8720H
ST6537	STEEL, AISI 8740
ST6538	STEEL, AISI 8740H
ST6539	STEEL, AISI 8822
ST6540	STEEL, AISI 8822H
ST6541	STEEL, AISI 9255
ST6543	STEEL, AISI 9260H
ST6208	STEEL, FED STD 66, COMP E4340
ST6209	STEEL, FED STD 66, COMP E4340H
ST6034	STEEL, FED STD 66, COMP 201
ST6035	STEEL, FED STD 66, COMP 202
ST3281	STEEL, FED STD 66, COMP 301
ST1817	STEEL, FED STD 66, COMP 302
ST6036	STEEL, FED STD 66, COMP 302B
ST1818	STEEL, FED STD 66, COMP 303
ST3282	STEEL, FED STD 66, COMP 303SE
ST2526	STEEL, FED STD 66, COMP 304
ST3283	STEEL, FED STD 66, COMP 304L
ST2516	STEEL, FED STD 66, COMP 305
ST6037	STEEL, FED STD 66, COMP 308
ST3284	STEEL, FED STD 66, COMP 309
ST6038	STEEL, FED STD 66, COMP 309S
ST3285	STEEL, FED STD 66, COMP 310
ST6039	STEEL, FED STD 66, COMP 310S
ST6040	STEEL, FED STD 66, COMP 314
ST3286	STEEL, FED STD 66, COMP 316
ST6041	STEEL, FED STD 66, COMP 316L
ST3287	STEEL, FED STD 66, COMP 317
ST1819	STEEL, FED STD 66, COMP 321
ST1820	STEEL, FED STD 66, COMP 347
ST3288	STEEL, FED STD 66, COMP 348
ST6042	STEEL, FED STD 66, COMP 384
ST6043	STEEL, FED STD 66, COMP 385
ST3289	STEEL, FED STD 66, COMP 403
ST3290	STEEL, FED STD 66, COMP 405
ST3291	STEEL, FED STD 66, COMP 410
ST3292	STEEL, FED STD 66, COMP 414
ST3293	STEEL, FED STD 66, COMP 416
ST3294	STEEL, FED STD 66, COMP 416SE
ST3295	STEEL, FED STD 66, COMP 420
ST1733	STEEL, FED STD 66, COMP 430
ST6044	STEEL, FED STD 66, COMP 430F
ST6045	STEEL, FED STD 66, COMP 430FSE
ST3296	STEEL, FED STD 66, COMP 431
ST3297	STEEL, FED STD 66, COMP 440A
ST6046	STEEL, FED STD 66, COMP 440B

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ST3298	STEEL, FED STD 66, COMP 440C
ST6047	STEEL, FED STD 66, COMP 442
ST3299	STEEL, FED STD 66, COMP 446
ST6048	STEEL, FED STD 66, COMP 501
ST6049	STEEL, FED STD 66, COMP 502
ST6054	STEEL, FED STD 66, COMP 1008
ST3548	STEEL, FED STD 66, COMP 1010
ST6061	STEEL, FED STD 66, COMP 1012
ST6064	STEEL, FED STD 66, COMP 1015
ST6068	STEEL, FED STD 66, COMP 1016
ST6069	STEEL, FED STD 66, COMP 1017
ST6071	STEEL, FED STD 66, COMP 1018
ST6072	STEEL, FED STD 66, COMP 1019
ST6073	STEEL, FED STD 66, COMP 1020
ST6077	STEEL, FED STD 66, COMP 1021
ST6078	STEEL, FED STD 66, COMP 1022
ST6079	STEEL, FED STD 66, COMP 1023
ST6081	STEEL, FED STD 66, COMP 1024
ST6082	STEEL, FED STD 66, COMP 1025
ST6084	STEEL, FED STD 66, COMP 1026
ST6085	STEEL, FED STD 66, COMP 1027
ST2460	STEEL, FED STD 66, COMP 1029
ST6086	STEEL, FED STD 66, COMP 1030
ST6091	STEEL, FED STD 66, COMP 1035
ST6092	STEEL, FED STD 66, COMP 1036
ST6093	STEEL, FED STD 66, COMP 1037
ST6094	STEEL, FED STD 66, COMP 1038
ST6095	STEEL, FED STD 66, COMP 1039
ST6096	STEEL, FED STD 66, COMP 1040
ST6097	STEEL, FED STD 66, COMP 1041
ST6098	STEEL, FED STD 66, COMP 1042
ST6099	STEEL, FED STD 66, COMP 1043
ST6100	STEEL, FED STD 66, COMP 1044
ST6102	STEEL, FED STD 66, COMP 1045
ST6103	STEEL, FED STD 66, COMP 1046
ST6104	STEEL, FED STD 66, COMP 1048
ST6105	STEEL, FED STD 66, COMP 1049
ST6106	STEEL, FED STD 66, COMP 1050
ST6107	STEEL, FED STD 66, COMP 1051
ST6108	STEEL, FED STD 66, COMP 1052
ST6109	STEEL, FED STD 66, COMP 1053
ST6111	STEEL, FED STD 66, COMP 1055
ST6113	STEEL, FED STD 66, COMP 1060
ST6119	STEEL, FED STD 66, COMP 1070
ST6124	STEEL, FED STD 66, COMP 1078
ST6125	STEEL, FED STD 66, COMP 1080
ST6126	STEEL, FED STD 66, COMP 1084
ST6129	STEEL, FED STD 66, COMP 1090

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ST6130	STEEL, FED STD 66, COMP 1095
ST6155	STEEL, FED STD 66, COMP 1330
ST6156	STEEL, FED STD 66, COMP 1330H
ST6157	STEEL, FED STD 66, COMP 1335
ST6158	STEEL, FED STD 66, COMP 1335H
ST6159	STEEL, FED STD 66, COMP 1340
ST6160	STEEL, FED STD 66, COMP 1340H
ST6161	STEEL, FED STD 66, COMP 1345
ST6162	STEEL, FED STD 66, COMP 1345H
ST6167	STEEL, FED STD 66, COMP 4012
ST6168	STEEL, FED STD 66, COMP 4023
ST6169	STEEL, FED STD 66, COMP 4024
ST6170	STEEL, FED STD 66, COMP 4027
ST6171	STEEL, FED STD 66, COMP 4027H
ST6172	STEEL, FED STD 66, COMP 4028
ST6173	STEEL, FED STD 66, COMP 4028H
ST6174	STEEL, FED STD 66, COMP 4037
ST6175	STEEL, FED STD 66, COMP 4037H
ST6178	STEEL, FED STD 66, COMP 4047
ST6179	STEEL, FED STD 66, COMP 4047H
ST6182	STEEL, FED STD 66, COMP 4118
ST6183	STEEL, FED STD 66, COMP 4118H
ST6184	STEEL, FED STD 66, COMP 4130
ST6185	STEEL, FED STD 66, COMP 4130H
ST6188	STEEL, FED STD 66, COMP 4137
ST6189	STEEL, FED STD 66, COMP 4137H
ST6190	STEEL, FED STD 66, COMP 4140
ST6191	STEEL, FED STD 66, COMP 4140H
ST6192	STEEL, FED STD 66, COMP 4142
ST6193	STEEL, FED STD 66, COMP 4142H
ST6194	STEEL, FED STD 66, COMP 4145
ST6195	STEEL, FED STD 66, COMP 4145H
ST6196	STEEL, FED STD 66, COMP 4147
ST6197	STEEL, FED STD 66, COMP 4147H
ST6198	STEEL, FED STD 66, COMP 4150
ST6199	STEEL, FED STD 66, COMP 4150H
ST6200	STEEL, FED STD 66, COMP 4161
ST6201	STEEL, FED STD 66, COMP 4161H
ST6202	STEEL, FED STD 66, COMP 4320
ST6203	STEEL, FED STD 66, COMP 4320H
ST6206	STEEL, FED STD 66, COMP 4340
ST6207	STEEL, FED STD 66, COMP 4340H
ST6210	STEEL, FED STD 66, COMP 4419
ST6211	STEEL, FED STD 66, COMP 4419H
ST6216	STEEL, FED STD 66, COMP 4615
ST6218	STEEL, FED STD 66, COMP 4620
ST6219	STEEL, FED STD 66, COMP 4620H
ST6220	STEEL, FED STD 66, COMP 4621

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ST6221	STEEL, FED STD 66, COMP 4621H
ST6223	STEEL, FED STD 66, COMP 4626H
ST6224	STEEL, FED STD 66, COMP 4718
ST6225	STEEL, FED STD 66, COMP 4718H
ST6226	STEEL, FED STD 66, COMP 4720
ST6227	STEEL, FED STD 66, COMP 4720H
ST6228	STEEL, FED STD 66, COMP 4815
ST6229	STEEL, FED STD 66, COMP 4815H
ST6230	STEEL, FED STD 66, COMP 4817
ST6231	STEEL, FED STD 66, COMP 4817H
ST6232	STEEL, FED STD 66, COMP 4820
ST6233	STEEL, FED STD 66, COMP 4820H
ST6235	STEEL, FED STD 66, COMP 5015
ST6239	STEEL, FED STD 66, COMP 5120
ST6240	STEEL, FED STD 66, COMP 5120H
ST6241	STEEL, FED STD 66, COMP 5130
ST6242	STEEL, FED STD 66, COMP 5130H
ST6243	STEEL, FED STD 66, COMP 5132
ST6244	STEEL, FED STD 66, COMP 5132H
ST6245	STEEL, FED STD 66, COMP 5135
ST6246	STEEL, FED STD 66, COMP 5135H
ST6247	STEEL, FED STD 66, COMP 5140
ST6248	STEEL, FED STD 66, COMP 5140H
ST6249	STEEL, FED STD 66, COMP 5145
ST6250	STEEL, FED STD 66, COMP 5145H
ST6251	STEEL, FED STD 66, COMP 5147
ST6252	STEEL, FED STD 66, COMP 5147H
ST6253	STEEL, FED STD 66, COMP 5150
ST6254	STEEL, FED STD 66, COMP 5150H
ST6255	STEEL, FED STD 66, COMP 5155
ST6256	STEEL, FED STD 66, COMP 5155H
ST6257	STEEL, FED STD 66, COMP 5160
ST6258	STEEL, FED STD 66, COMP 5160H
ST6261	STEEL, FED STD 66, COMP 6118
ST6262	STEEL, FED STD 66, COMP 6118H
ST6265	STEEL, FED STD 66, COMP 6150
ST6266	STEEL, FED STD 66, COMP 6150H
ST6268	STEEL, FED STD 66, COMP 8615
ST6269	STEEL, FED STD 66, COMP 8617
ST6270	STEEL, FED STD 66, COMP 8617H
ST6271	STEEL, FED STD 66, COMP 8620
ST6272	STEEL, FED STD 66, COMP 8620H
ST6273	STEEL, FED STD 66, COMP 8622
ST6274	STEEL, FED STD 66, COMP 8622H
ST6275	STEEL, FED STD 66, COMP 8625
ST6276	STEEL, FED STD 66, COMP 8625H
ST6277	STEEL, FED STD 66, COMP 8627
ST6278	STEEL, FED STD 66, COMP 8627H

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ST6279	STEEL, FED STD 66, COMP 8630
ST6280	STEEL, FED STD 66, COMP 8630H
ST6281	STEEL, FED STD 66, COMP 8637
ST6282	STEEL, FED STD 66, COMP 8637H
ST6283	STEEL, FED STD 66, COMP 8640
ST6284	STEEL, FED STD 66, COMP 8640H
ST6285	STEEL, FED STD 66, COMP 8642
ST6287	STEEL, FED STD 66, COMP 8645
ST6288	STEEL, FED STD 66, COMP 8645H
ST6291	STEEL, FED STD 66, COMP 8655
ST6292	STEEL, FED STD 66, COMP 8655H
ST6294	STEEL, FED STD 66, COMP 8720
ST6295	STEEL, FED STD 66, COMP 8720H
ST6297	STEEL, FED STD 66, COMP 8740
ST6298	STEEL, FED STD 66, COMP 8740H
ST6301	STEEL, FED STD 66, COMP 8822
ST6302	STEEL, FED STD 66, COMP 8822H
ST6303	STEEL, FED STD 66, COMP 9255
ST6305	STEEL, FED STD 66, COMP 9260H
STG000	STEEL, PLOW
STH000	STEEL, PLOW, IMPROVED
STJ000	STEEL, PLOW, MILD
ST6661	STEEL, SAE E4340
ST6662	STEEL, SAE E4340H
ST6557	STEEL, SAE 1008
ST6559	STEEL, SAE 1010
ST6560	STEEL, SAE 1012
ST6561	STEEL, SAE 1015
ST6562	STEEL, SAE 1016
ST6563	STEEL, SAE 1017
ST6564	STEEL, SAE 1018
ST0362	STEEL, SAE 1019
ST6015	STEEL, SAE 1020
ST6565	STEEL, SAE 1021
ST6566	STEEL, SAE 1022
ST6567	STEEL, SAE 1023
ST5096	STEEL, SAE 1024
ST6568	STEEL, SAE 1025
ST5097	STEEL, SAE 1026
ST6569	STEEL, SAE 1027
ST6570	STEEL, SAE 1029
ST6571	STEEL, SAE 1030
ST6573	STEEL, SAE 1035
ST6574	STEEL, SAE 1036
ST6575	STEEL, SAE 1037
ST6576	STEEL, SAE 1038
ST6577	STEEL, SAE 1039
ST6017	STEEL, SAE 1040

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ST6578	STEEL, SAE 1041
ST6579	STEEL, SAE 1042
ST6580	STEEL, SAE 1043
ST6581	STEEL, SAE 1044
ST6018	STEEL, SAE 1045
ST6582	STEEL, SAE 1046
ST6583	STEEL, SAE 1048
ST6584	STEEL, SAE 1049
ST6585	STEEL, SAE 1050
ST6586	STEEL, SAE 1051
ST6587	STEEL, SAE 1052
ST6588	STEEL, SAE 1053
ST6589	STEEL, SAE 1055
ST6590	STEEL, SAE 1060
ST6593	STEEL, SAE 1070
ST6595	STEEL, SAE 1078
ST6596	STEEL, SAE 1080
ST6597	STEEL, SAE 1084
ST6600	STEEL, SAE 1090
ST6601	STEEL, SAE 1095
ST6620	STEEL, SAE 1330
ST6621	STEEL, SAE 1330H
ST6622	STEEL, SAE 1335
ST6623	STEEL, SAE 1335H
ST6624	STEEL, SAE 1340
ST6625	STEEL, SAE 1340H
ST6626	STEEL, SAE 1345
ST6627	STEEL, SAE 1345H
ST6628	STEEL, SAE 4012
ST6629	STEEL, SAE 4023
ST6630	STEEL, SAE 4024
ST6631	STEEL, SAE 4027
ST6632	STEEL, SAE 4027H
ST6633	STEEL, SAE 4028
ST6634	STEEL, SAE 4028H
ST6635	STEEL, SAE 4037
ST6636	STEEL, SAE 4037H
ST6637	STEEL, SAE 4047
ST6638	STEEL, SAE 4047H
ST6639	STEEL, SAE 4118
ST6640	STEEL, SAE 4118H
ST6641	STEEL, SAE 4130
ST6642	STEEL, SAE 4130H
ST6643	STEEL, SAE 4137
ST6644	STEEL, SAE 4137H
ST6645	STEEL, SAE 4140
ST6646	STEEL, SAE 4140H
ST6647	STEEL, SAE 4142

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ST6648	STEEL, SAE 4142H
ST6649	STEEL, SAE 4145
ST6650	STEEL, SAE 4145H
ST6651	STEEL, SAE 4147
ST6652	STEEL, SAE 4147H
ST6653	STEEL, SAE 4150
ST6654	STEEL, SAE 4150H
ST6655	STEEL, SAE 4161
ST6656	STEEL, SAE 4161H
ST6657	STEEL, SAE 4320
ST6659	STEEL, SAE 4340
ST6660	STEEL, SAE 4340H
ST6663	STEEL, SAE 4419
ST6664	STEEL, SAE 4419H
ST6019	STEEL, SAE 4615
ST6665	STEEL, SAE 4620
ST6666	STEEL, SAE 4620H
ST6667	STEEL, SAE 4621
ST6668	STEEL, SAE 4621H
ST6669	STEEL, SAE 4626
ST6670	STEEL, SAE 4626H
ST6671	STEEL, SAE 4718
ST6672	STEEL, SAE 4718H
ST6673	STEEL, SAE 4720
ST6674	STEEL, SAE 4720H
ST6020	STEEL, SAE 4815
ST6675	STEEL, SAE 4815H
ST6676	STEEL, SAE 4817
ST6677	STEEL, SAE 4817H
ST6021	STEEL, SAE 4820
ST6678	STEEL, SAE 4820H
ST6679	STEEL, SAE 5015
ST6680	STEEL, SAE 5120
ST6681	STEEL, SAE 5120H
ST6682	STEEL, SAE 5130
ST6683	STEEL, SAE 5130H
ST6684	STEEL, SAE 5132
ST6685	STEEL, SAE 5132H
ST6686	STEEL, SAE 5135
ST6687	STEEL, SAE 5135H
ST6688	STEEL, SAE 5140
ST6689	STEEL, SAE 5140H
ST6690	STEEL, SAE 5145
ST6691	STEEL, SAE 5145H
ST6692	STEEL, SAE 5147
ST6693	STEEL, SAE 5147H
ST6694	STEEL, SAE 5150
ST6695	STEEL, SAE 5150H

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ST6696	STEEL, SAE 5155
ST6697	STEEL, SAE 5155H
ST6698	STEEL, SAE 5160
ST6699	STEEL, SAE 5160H
ST6702	STEEL, SAE 6118
ST6703	STEEL, SAE 6118H
ST6704	STEEL, SAE 6150
ST6705	STEEL, SAE 6150H
ST6706	STEEL, SAE 8615
ST6707	STEEL, SAE 8617
ST6708	STEEL, SAE 8617H
ST6709	STEEL, SAE 8620
ST6022	STEEL, SAE 8620H
ST6710	STEEL, SAE 8622
ST6711	STEEL, SAE 8622H
ST6712	STEEL, SAE 8625
ST6713	STEEL, SAE 8625H
ST6714	STEEL, SAE 8627
ST6715	STEEL, SAE 8627H
ST6716	STEEL, SAE 8630
ST6717	STEEL, SAE 8630H
ST6718	STEEL, SAE 8637
ST6719	STEEL, SAE 8637H
ST6720	STEEL, SAE 8640
ST6721	STEEL, SAE 8640H
ST6722	STEEL, SAE 8642
ST6724	STEEL, SAE 8645
ST6725	STEEL, SAE 8645H
ST6728	STEEL, SAE 8720
ST6729	STEEL, SAE 8720H
ST6730	STEEL, SAE 8740
ST6731	STEEL, SAE 8740H
ST6732	STEEL, SAE 8822
ST6733	STEEL, SAE 8822H
ST6734	STEEL, SAE 9255
ST6736	STEEL, SAE 9260H
STZ000	STEEL, TRACTION
TF0000	TAR
WA0000	WAX
WAL000	WAX, MICROCRYSTALLINE
WL0000	WOOL
WLM000	WOOL, NEW

Table 2 - SURFACE TREATMENTS
SURFACE TREATMENTS

REPLY CODE REPLY (AD09)

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
AZ0000	ALUMINIZED
CD0000	CADMIUM
CD0004	CADMIUM, QQ-P-416, TYPE 1, CLASS 1
CD0005	CADMIUM, QQ-P-416, TYPE 1, CLASS 2
CD0006	CADMIUM, QQ-P-416, TYPE 1, CLASS 3
CD0007	CADMIUM, QQ-P-416, TYPE 2, CLASS 1
CD0008	CADMIUM, QQ-P-416, TYPE 2, CLASS 2
CD0009	CADMIUM, QQ-P-416, TYPE 2, CLASS 3
CD0010	CADMIUM, QQ-P-416, TYPE 3, CLASS 1
CD0011	CADMIUM, QQ-P-416, TYPE 3, CLASS 2
CD0012	CADMIUM, QQ-P-416, TYPE 3, CLASS 3
CR0000	CHROMIUM
CU0000	COPPER
EN0043	ENAMEL, SEMIGLOSS, TT-E-529
GB0000	GALVANIZED
PN0004	PAINT, MIL-P-15146
PN0006	PAINT, PRIMER, MIL-P-17545
PN0000	PAINTED
PS0000	PASSIVATED
PSC000	PASSIVATED W/BLACK OXIDE
FN0036	PRIMER, ZINC-CHROMATE, TT-P-1757
SN0022	TIN, MIL-W-1511
TDA000	TINNED
VA0004	VARNISH, ASPHALT, TT-V-51
VA0000	VARNISHED
ZN0000	ZINC
ZNA000	ZINC CHROMATE
ZN0025	ZINC, MIL-R-2878
ZN0027	ZINC, MIL-W-1511 (Canceled) (use Reply CODE ZN0000)
ZN0001	ZINC, MIL-W-6940
ZN0001	ZINC, QQ-Z-325, TYPE 1, CLASS 1
ZN0002	ZINC, QQ-Z-325, TYPE 1, CLASS 2
ZN0003	ZINC, QQ-Z-325, TYPE 1, CLASS 3
ZN0004	ZINC, QQ-Z-325, TYPE 2, CLASS 1
ZN0005	ZINC, QQ-Z-325, TYPE 2, CLASS 2
ZN0006	ZINC, QQ-Z-325, TYPE 2, CLASS 3
ZN0007	ZINC, QQ-Z-325, TYPE 3, CLASS 1
ZN0008	ZINC, QQ-Z-325, TYPE 3, CLASS 2
ZN0009	ZINC, QQ-Z-325, TYPE 3, CLASS 3
	ZINC W/CHROMATE, MIL-P-8585 (Canceled) (use Reply CODE ZNA000)

Table 3 - COLORS
COLORS

<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
AM0000	AMBER
MS0242	AMERICAN BEAUTY

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
MS0243	AMERICAN BEAUTY, COLOR ASSN OF THE US, 70052
A	ANY ACCEPTABLE
MS0008	AQUA
AV0000	AVOCADO
MS0010	BEAVER
MS0244	BEAVER, COLOR ASSN OF THE US, 70106
BE0000	BEIGE
MS0011	BISQUE
BL0000	BLACK
BL0182	BLACK, COLOR ASSN OF THE US, 37030
BL0043	BLACK, COLOR ASSN OF THE US, 65018
BL0048	BLACK, COLOR ASSN OF THE US, 66043
BU0000	BLUE
BU0009	BLUE, ALICE
BU0106	BLUE, BABY
BU0016	BLUE, CHINA
BU0017	BLUE, COBALT
BU0133	BLUE, COLOR ASSN OF THE US, 66027
BU0134	BLUE, COLOR ASSN OF THE US, 66028
	Blue, Color Assn of the US, 66033 (use Reply CODE BU0000)
BU0376	BLUE, COLOR ASSN OF THE US, 66045
BU0377	BLUE, COLOR ASSN OF THE US, 66060
BU0342	BLUE, COLOR ASSN OF THE US, 70012
BU0285	BLUE, COLOR ASSN OF THE US, 70087
BU0135	BLUE, COLOR ASSN OF THE US, 70112
BU0322	BLUE, COLOR ASSN OF THE US, 70209
BU0324	BLUE, COLOR ASSN OF THE US, 70211
BU0005	BLUE, DARK
BU0109	BLUE, DARK, NAVY
BU0020	BLUE, DELFT
BU0157	BLUE, FRENCH
BU0406	BLUE, GRAY, COLOR ASSN OF THE US, 66057
BU0026	BLUE, LIGHT
BU0108	BLUE, LIGHT, DELFT
BU0110	BLUE, LIGHT, NAVY
BU0028	BLUE, MANDARIN
BU0029	BLUE, MEDIUM
BU0032	BLUE, NATIONAL FLAG
BU0115	BLUE, NATIONAL FLAG, COLOR ASSN OF THE US, 70077
BU0033	BLUE, NAVY
BU0034	BLUE, OLD GLORY
BU0116	BLUE, OLD GLORY, COLOR ASSN OF THE US, 70075
BU0035	BLUE, OPAL
BU0037	BLUE, ORIENTAL
BU0042	BLUE, ROYAL
BU0043	BLUE, SAPPHIRE
BU0111	BLUE, SKIPPER
BU0048	BLUE, SLATE

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
BU0054	BLUE STEEL
BU0049	BLUE, TEAL
BU0136	BLUE, TEAL, COLOR ASSN OF THE US, 65024
BU0052	BLUE, YALE
BR0000	BROWN
BR0005	BROWN, AFRICAN
BR0056	BROWN, AFRICAN, COLOR ASSN OF THE US, 70096
BR0007	BROWN, AUTUMN
BR0055	BROWN, COLOR ASSN OF THE US, 66069
BR0118	BROWN, COLOR ASSN OF THE US, 70141
BR0010	BROWN, DARK
BR0013	BROWN, GOLDEN
BR0003	BROWN, LIGHT
BR0004	BROWN, MEDIUM
BR0019	BROWN, RUST
BR0021	BROWN, SEAL
BR0057	BROWN, SEAL, COLOR ASSN OF THE US, 66054
BR0022	BROWN, WALNUT
MS0013	BUFF
MS0089	BUFF, HEATHER Buttercup, Color Assn of the US, 70067 (use Reply CODE YE0000)
RE0047	CARMINE
MS0015	CHARCOAL
GR0044	CHARTREUSE
PK0008	CORAL
MS0090	CORAL, BERMUDA
CR0000	CREAM Crimson, Color Assn of the US, 70101 (use Reply CODE RE0000)
MS0021	ECRU
MS0331	ECRU, FED STD 595, 13690
GR0003	EMERALD
RE0040	FLAME
MS0092	FOXGLOVE
MS0024	GARNET
GL0000	GOLD
GL0028	GOLD, SHADE 105801
YE0016	GOLDENROD
GY0000	GRAY
GY0004	GRAY, AIRCRAFT
GY0007	GRAY, CHARCOAL
GY0008	GRAY, DARK
GY0097	GRAY, DARK, FED STD 595, 36231
GY0028	GRAY, FED STD 595, 16473
GY0002	GRAY, LIGHT
GY0098	GRAY, LIGHT, FED STD 595, 36440
GY0037	GRAY, MALTESE
GY0014	GRAY, MEDIUM
GY0224	GRAY, MEDIUM, COLOR ASSN OF THE US, 66062

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
GY0099	GRAY, MEDIUM, FED STD 595, 36231
GY0072	GRAY, NAVY
GY0017	GRAY, PEARL
GY0019	GRAY, SILVER
GY0021	GRAY, STEEL
GR0000	GREEN
GR0321	GREEN, CAMOUFLAGE
GR0487	GREEN, CAMOUFLAGE, US ARMY, 483
GR0086	GREEN, CHRISTMAS
GR0310	GREEN, COLOR ASSN OF THE US, 11633
GR0134	GREEN, COLOR ASSN OF THE US, 66034
GR0457	GREEN, COLOR ASSN OF THE US, 66078
GR0294	GREEN, COLOR ASSN OF THE US, 70064
GR0311	GREEN, COLOR ASSN OF THE US, 70166
GR0020	GREEN, DARK
GR0021	GREEN, EMERALD
GR0009	GREEN, FED STD 595, 14036
GR0458	GREEN, FED STD 595, 14158
GR0024	GREEN, FOREST
GR0461 #	GREEN, FRENCH ARMY
GR0025	GREEN, GOLF
GR0083	GREEN, GRASS
GR0026	GREEN, GRAY
GR0133	GREEN, GRAY, COLOR ASSN OF THE US, 66055
GR0027	GREEN, HUNTER
GR0028	GREEN, IRISH
GR0098	GREEN, IRISH, COLOR ASSN OF THE US, 70168
GR0030	GREEN, KELLY
GR0031	GREEN, LEAF
GR0032	GREEN, LIGHT
GR0006	GREEN, MEDIUM
GR0087	GREEN, MEDIUM LEAF
GR0033	GREEN, MOSSTONE
GR0135	GREEN, MOSSTONE, COLOR ASSN OF THE US, 65022
GR0136	GREEN, MYRTLE
GR0462 #	GREEN, NATO INFRARED
GR0034	GREEN, NILE
GR0011	GREEN, OLIVE
GR0063	GREEN, OLIVE, 107
GR0007	GREEN, SAGE
GR0138	GREEN, SAGE, COLOR ASSN OF THE US, 66046
GR0038	GREEN, SEA
GR0039	GREEN, SPRING
GR0305	GREEN, US AIR FORCE, 1565
KH0000	KHAKI
KH0003	KHAKI, COLOR ASSN OF THE US, 66019
MS0031	LAVENDER
YE0017	LEMON, LIGHT

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
MS0033	LILAC
GR0047	LIME
MS0034	MAGENTA
MS0035	MAHOGANY
MS0231	MAIZE
MA0000	MAROON
MA0005	MAROON, COLOR ASSN OF THE US, 66052
NA0000	NATURAL
MS0038	NICKEL
MS0039	NUTMEG
LD0008	OLIVE
LD0000	OLIVE DRAB
LD0024	OLIVE DRAB, COLOR ASSN OF THE US, 66020
LD0025	OLIVE DRAB, COLOR ASSN OF THE US, 66021
LD0029	OLIVE DRAB, COLOR ASSN OF THE US, 66022
LD0030	OLIVE DRAB, COLOR ASSN OF THE US, 66023
LD0051	OLIVE DRAB, FED STD 595, 24084
LD0022	OLIVE DRAB, LIGHT
LD0023	OLIVE DRAB, LIGHT, COLOR ASSN OF THE US, 70184 Olive Drab, US Army, 2 (use Reply CODE LD0000)
LD0012	OLIVE DRAB, US ARMY, 7
LD0027	Olive Drab, US Army, 22 (use Reply CODE LD0000)
LD0028	OLIVE DRAB, US ARMY, 613
RG0000	ORANGE
RG0033	ORANGE, BURNT
RG0073	ORANGE, COLOR ASSN OF THE US, 66074
RG0050	ORANGE, COLOR ASSN OF THE US, 70070
RG0007	ORANGE, GOLDEN
RG0008	ORANGE, INDIAN
RG0009	ORANGE, INTERNATIONAL
RG0001	ORANGE-RED
PK0000	PINK
PK0003	PINK, ANGEL
PK0016	PINK, BABY
PK0009	PINK, DARK
PK0011	PINK, DEEP
PK0013	PINK, ROSE
PU0000	PURPLE
RE0000	RED
RE0087	RED, AMERICAN BEAUTY
RE0009	RED, BRIGHT
RE0011	RED, CARDINAL
RE0103	RED, COLOR ASSN OF THE US, 66073
RE0204	RED, COLOR ASSN OF THE US, 70052
RE0199	RED, COLOR ASSN OF THE US, 70179
RE0035	RED, DARK
RE0068	RED, FED STD 595, 11105
RE0121	RED, FED STD 595, 21136

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
RE0083	RED, JOCKEY
RE0014	RED, MEDIUM
RE0015	RED, OLD GLORY
RE0091	RED, OLD GLORY, COLOR ASSN OF THE US, 70180
RE0006	ROSE
RE0007	ROSE, AMERICAN BEAUTY
	Rose, Color Assn of the US, 70098 (use Reply CODE RE0000)
RE0036	ROSE, DARK
RE0037	ROSE, DEEP
RE0038	ROSE, DUSTY
RE0041	ROSE, HENNA
RE0102	ROSE, HENNA, GLENN L. MARTIN, C1084
RE0084	ROSE, JUNE
RE0043	ROSE, LIGHT
RE0016	ROSE, OLD
RE0021	ROSE, SALMON
RE0025	ROSE, WILD
RE0019	ROSEBUD
RU0000	RUSSET
RU0002	RUSSET, COLOR ASSN OF THE US, 66025
RE0033	RUST
RE0044	RUST, LIGHT
RE0030	RUST, MEDIUM
MS0049	SAND
	Sand, Color Assn of the US, 70004 (use Reply CODE MS0049)
RE0022	SCARLET
	Scarlet, Color Assn of the US, 65002 (use Reply CODE RE0022)
RE0071	SCARLET, COLOR ASSN OF THE US, 65006
RE0104	SCARLET, COLOR ASSN OF THE US, 66040
MS0052	SLATE
TA0000	TAN
TA0017	TAN, COLOR ASSN OF THE US, 66041
TA0018	TAN, COLOR ASSN OF THE US, 66047
TA0027	TAN, COLOR ASSN OF THE US, 70128
TA0003	TAN, LIGHT
TA0016	TAN, US AIR FORCE, 1505
TA0092	TAN, US ARMY, 459
MS0054	TAUPE
MS0378	TAUPE, COLOR ASSN OF THE US, 66032
MS0095	TAUPE, LIGHT
TR0000	TURQUOISE
TR0006	TURQUOISE, LIGHT
TR0007	TURQUOISE, MEDIUM
VL0000	VIOLET
VL0009	VIOLET, LIGHT
WA0000	WALNUT
WH0000	WHITE
WH0055	WHITE, COLOR ASSN OF THE US, 66050

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
WH0029	WHITE, COLOR ASSN OF THE US, 70001
WH0023	WHITE, NATURAL
WH0054	WHITE, NATURAL, COLOR ASSN OF THE US, 66049
WH0040	WHITE, PLATINUM
RE0026	WINE
YE0000	YELLOW
YE0051	YELLOW, BABY
YE0052	YELLOW, BRIGHT
YE0066	YELLOW, COLOR ASSN OF THE US, 66059
YE0012	YELLOW, DARK
YE0036	YELLOW, FED STD 595, 13538
YE0019	YELLOW, LEMON
YE0065	YELLOW, LEMON, COLOR ASSN OF THE US, 70205
YE0018	YELLOW, LIGHT
YE0009	YELLOW, PALE
YE0011	YELLOW, SPANISH
YE0063	YELLOW, SPANISH, COLOR ASSN OF THE US, 70068

Table 4 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE

FIIG A153
APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 5 - ASSEMBLY TERMINAL/INTERMEDIATE ATTACHMENT SEQUENCE
ASSEMBLY TERMINAL/INTERMEDIATE ATTACHMENT SEQUENCE

<u>REPLY CODE</u>	<u>REPLY (AJ91)</u>
CBC	ALL ATTACHMENTS
AKR	CORE
CBJ	FIFTH INTERMEDIATE ATTACHMENT
CBD	FIFTH TERMINAL ATTACHMENT FIRST END
CBK	FIFTH TERMINAL ATTACHMENT SECOND END
CBE	FIRST INTERMEDIATE ATTACHMENT
BRN	FIRST TERMINAL ATTACHMENT FIRST END
BRS	FIRST TERMINAL ATTACHMENT SECOND END
CBH	FOURTH INTERMEDIATE ATTACHMENT
BRR	FOURTH TERMINAL ATTACHMENT FIRST END
BRX	FOURTH TERMINAL ATTACHMENT SECOND END
CBB	ROPE
CBF	SECOND INTERMEDIATE ATTACHMENT
BRP	SECOND TERMINAL ATTACHMENT FIRST END
BRT	SECOND TERMINAL ATTACHMENT SECOND END
DFL	THIMBLE
CBG	THIRD INTERMEDIATE ATTACHMENT
BRQ	THIRD TERMINAL ATTACHMENT FIRST END
BRW	THIRD TERMINAL ATTACHMENT SECOND END

Reference Drawing Groups

REFERENCE DRAWING GROUP A Tables	62
REFERENCE DRAWING GROUP A	63
REFERENCE DRAWING GROUP B Tables	66
REFERENCE DRAWING GROUP B	67
REFERENCE DRAWING GROUP C Tables	74
REFERENCE DRAWING GROUP C	75

FIIG A153
APPENDIX B

REFERENCE DRAWING GROUP A Tables
ROPE STYLES

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., ABTLJAA240.000*; ABTLJMA5.0*; ABTLJAB238.500\$\$JAC241.500*)

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
F	FEET
A	INCHES
M	METERS

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

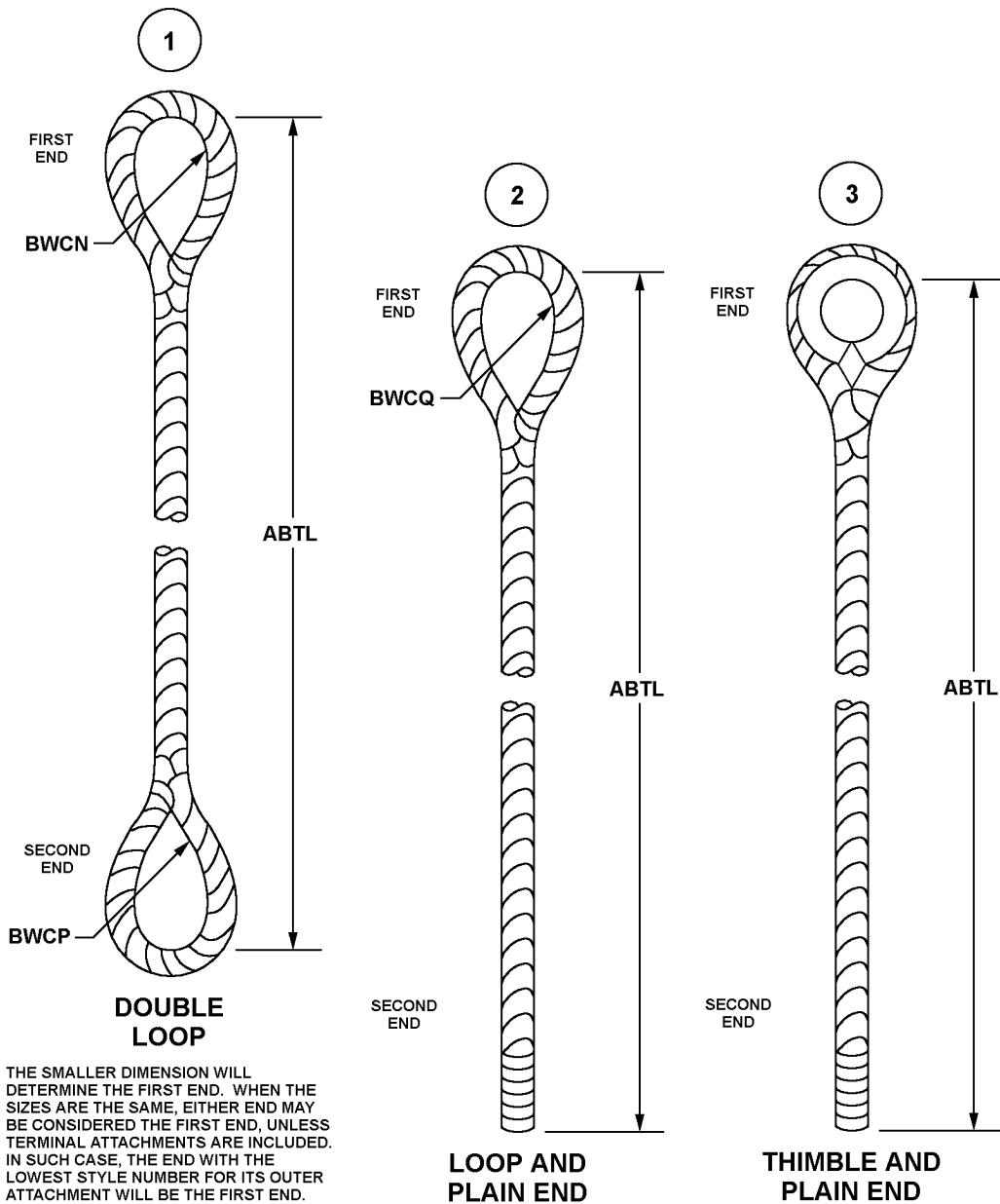
<u>MRC</u>	<u>Mode Code</u>	<u>Name of Dimension</u>
ABTL	J	LENGTH
BWCN	J	FIRST INNER PERIMETER
BWCP	J	SECOND INNER PERIMETER
BWCQ	J	INNER PERIMETER

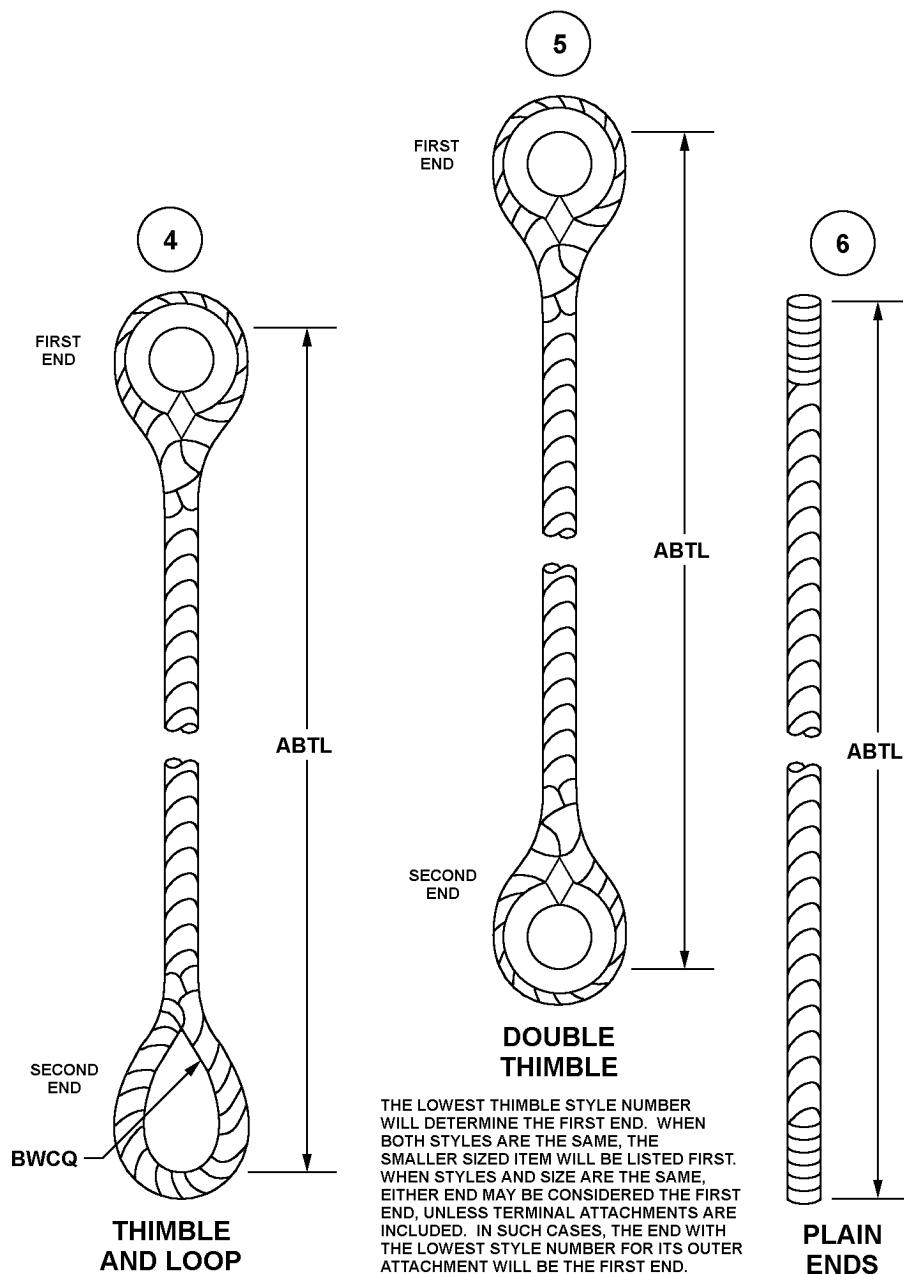
FIIG A153
APPENDIX B

REFERENCE DRAWING GROUP A
ROPE STYLES

NOTE: THE LENGTH DIMENSION WILL BE GIVEN AS INDICATED, EXCLUDING ANY TERMINAL ATTACHMENTS INCLUDED IN THE ASSEMBLY.

FIIG A153
APPENDIX B





REFERENCE DRAWING GROUP B Tables
ATTACHMENT STYLES

INDEX OF MASTER REQUIREMENT CODES

There are three Reply Codes in entering a reply to this requirement. The Reply Codes are obtained in the following sequence: the Reply Codes from Tables 1, 2, and 3, (see MRC AJRS in Section I) followed by the numeric value. List Reply Codes from Table 3 in alphabetic sequence as applicable to the style selected in reply to MRC BWCR in Section I. (e.g., AJRSJAAJRE3.050*; AJRSJLAAARX56.4*; AJRSJABAJRE3.045\$\$JACAJRE3.055*)

REPLY CODE REPLY (AA05)

A	INCHES
L	MILLIMETERS

REPLY CODE REPLY (AC20)

A	NOMINAL
B	MINIMUM
C	MAXIMUM

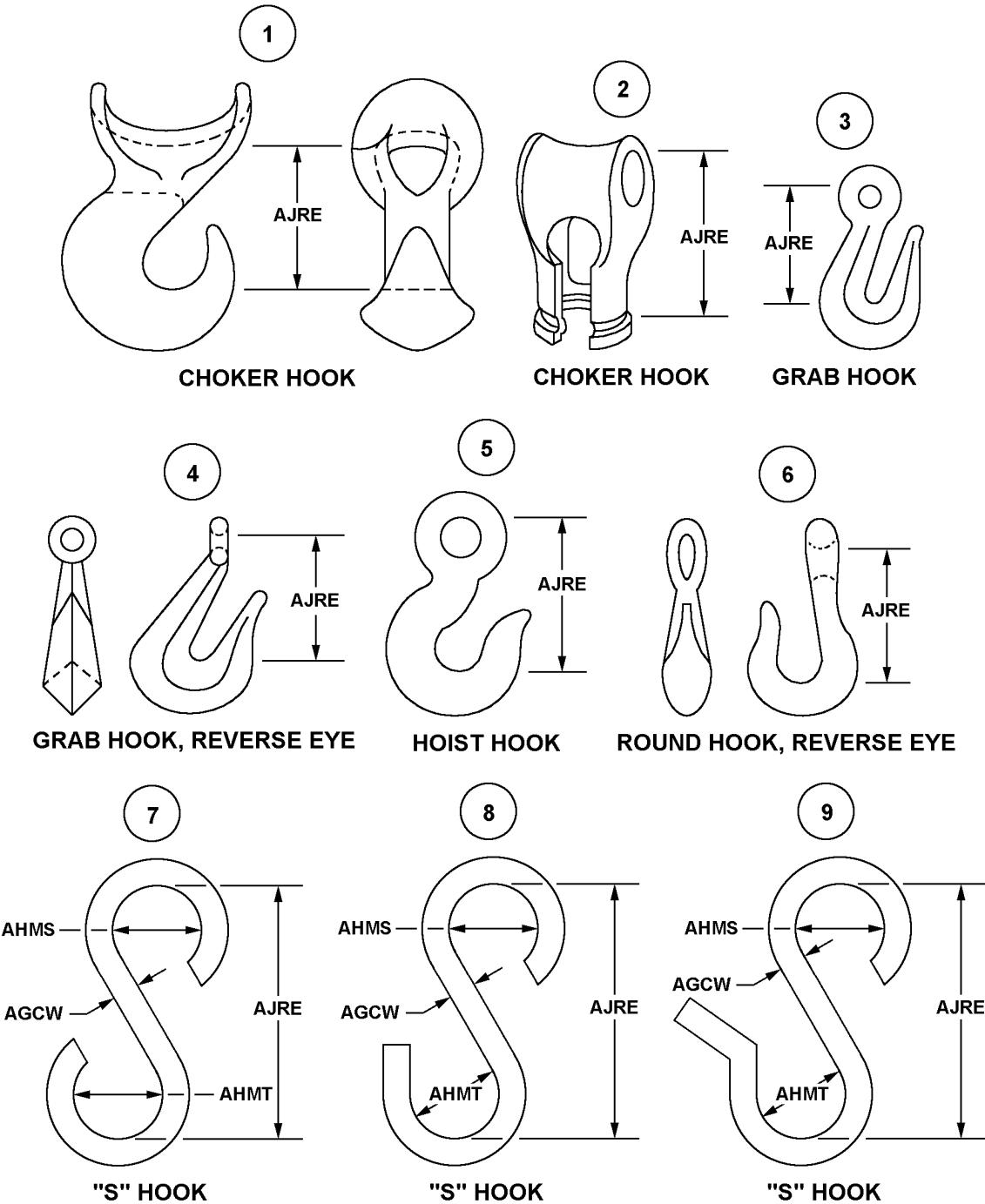
REPLY CODE REPLY (AF96)

AHNQ	BAIL INSIDE DIAMETER
AHNP	BAIL INSIDE LENGTH
AJRE	BEARING SURFACE TO
AHNR	DISTANCE FROM BAIL
AARX	INSIDE DIAMETER
ADJU	INSIDE LENGTH
AHNN	INSIDE LENGTH FROM
ADJT	INSIDE WIDTH
AJRP	INSIDE WIDTH
AHNS	LEG END THICKNESS
AHMT	LOWER LOOP INSIDE
ABHP	OVERALL LENGTH
ABVV	PIN DIAMETER
ACVU	STOCK DIAMETER
AJRJ	THROAT OPENING
AHMS	UPPER LOOP INSIDE
AGCW	WIRE DIAMETER

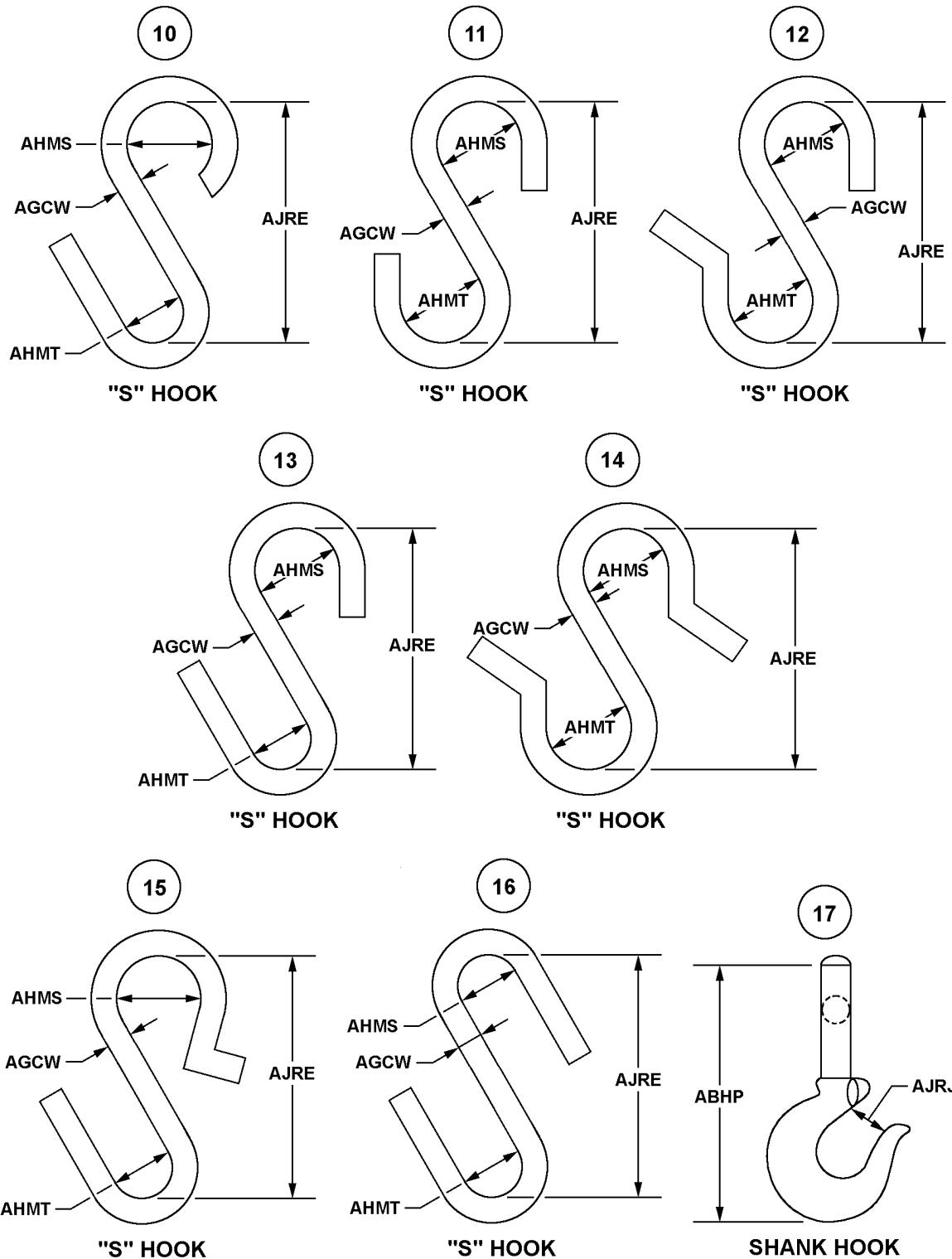
REFERENCE DRAWING GROUP B

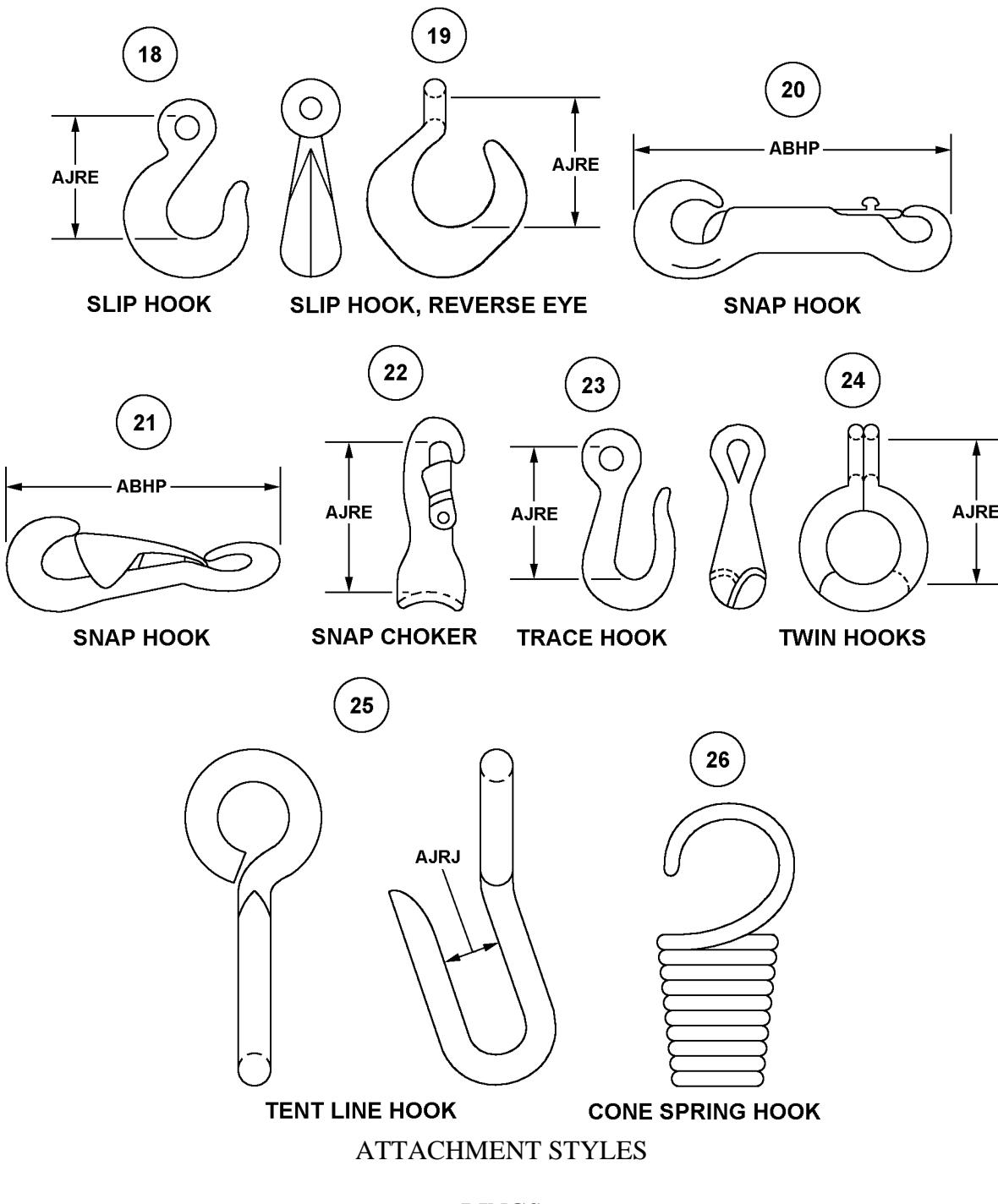
ATTACHMENT STYLES

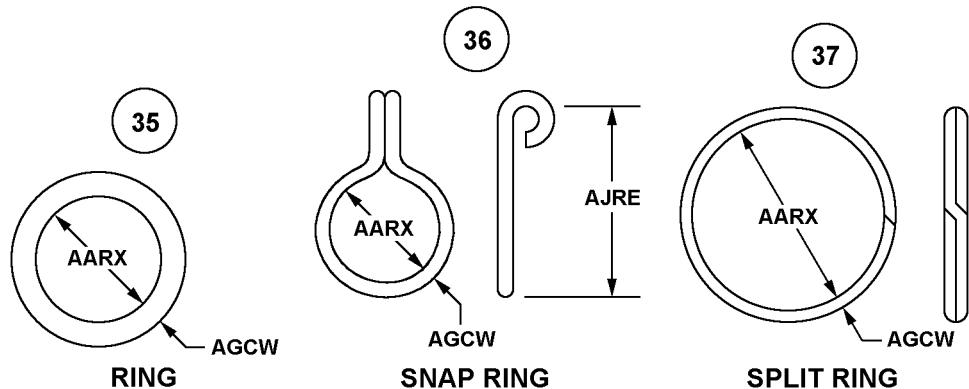
HOOKS



FIIG A153
APPENDIX B

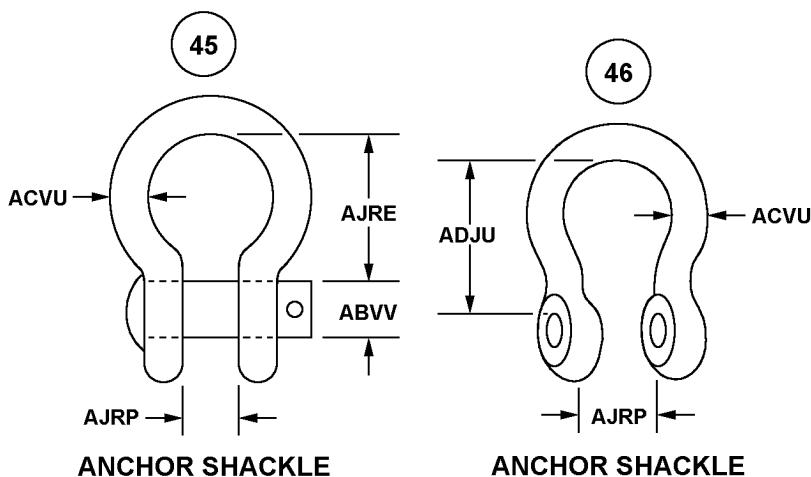






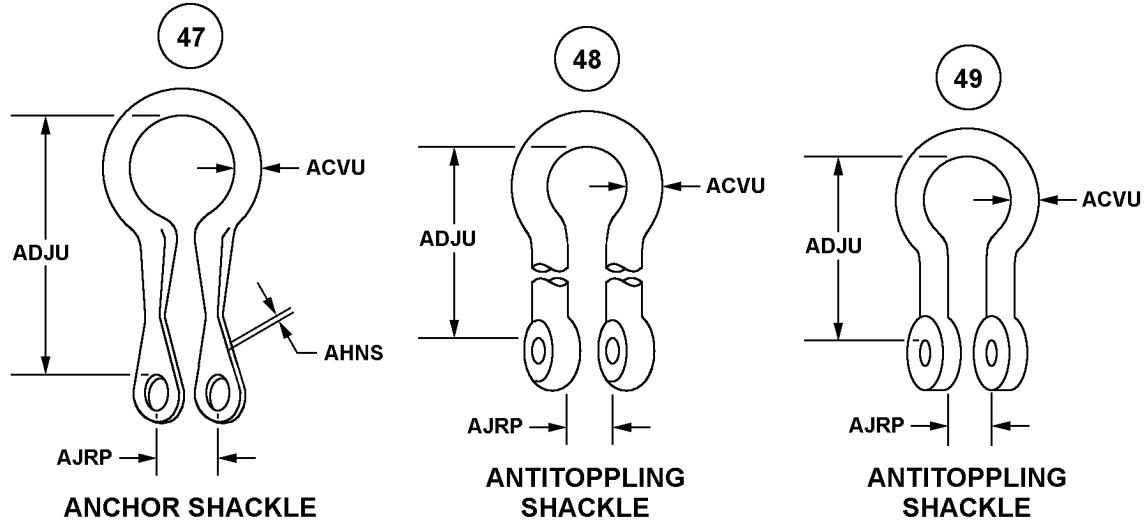
ATTACHMENT STYLES

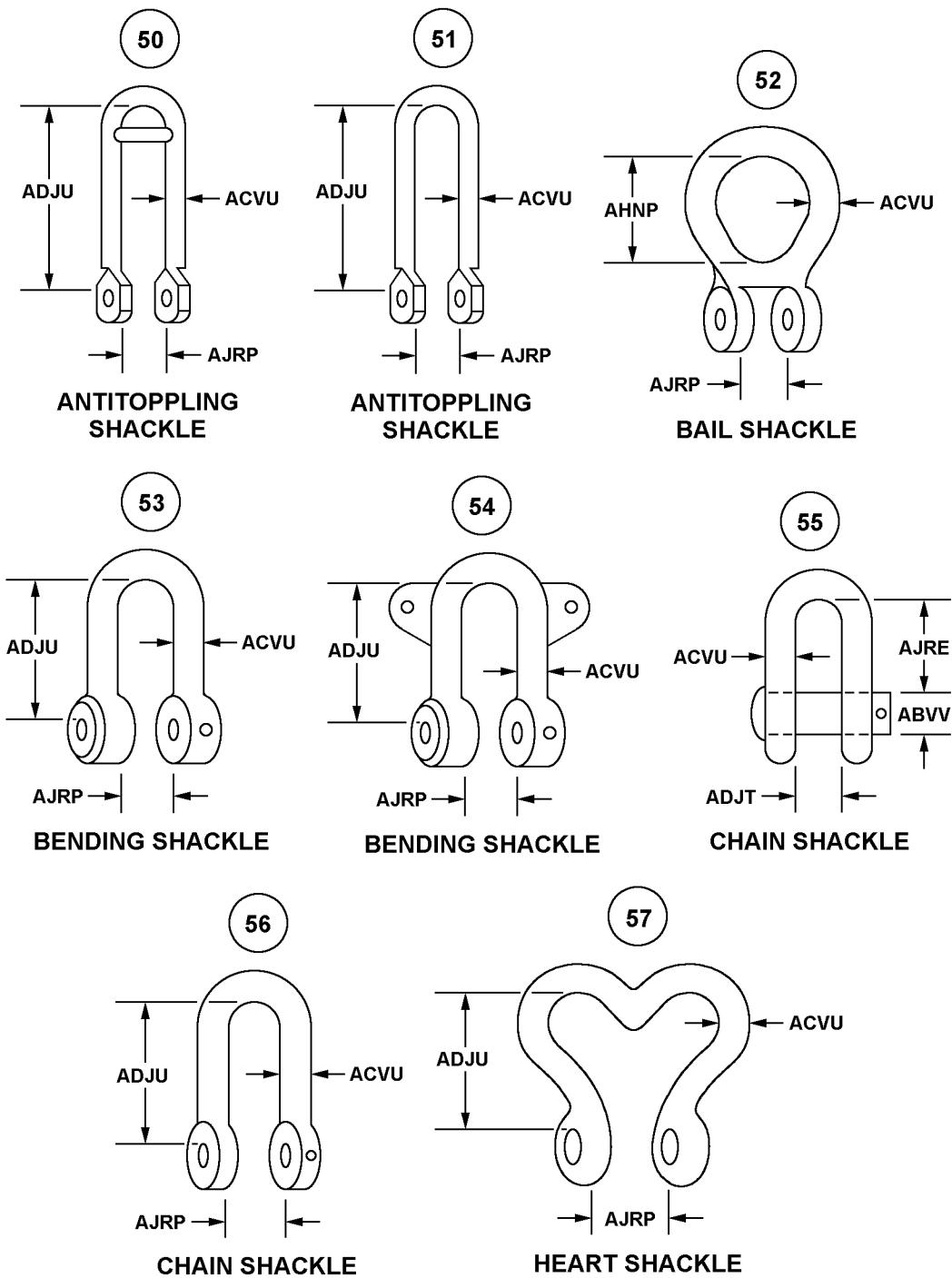
SHACKLES

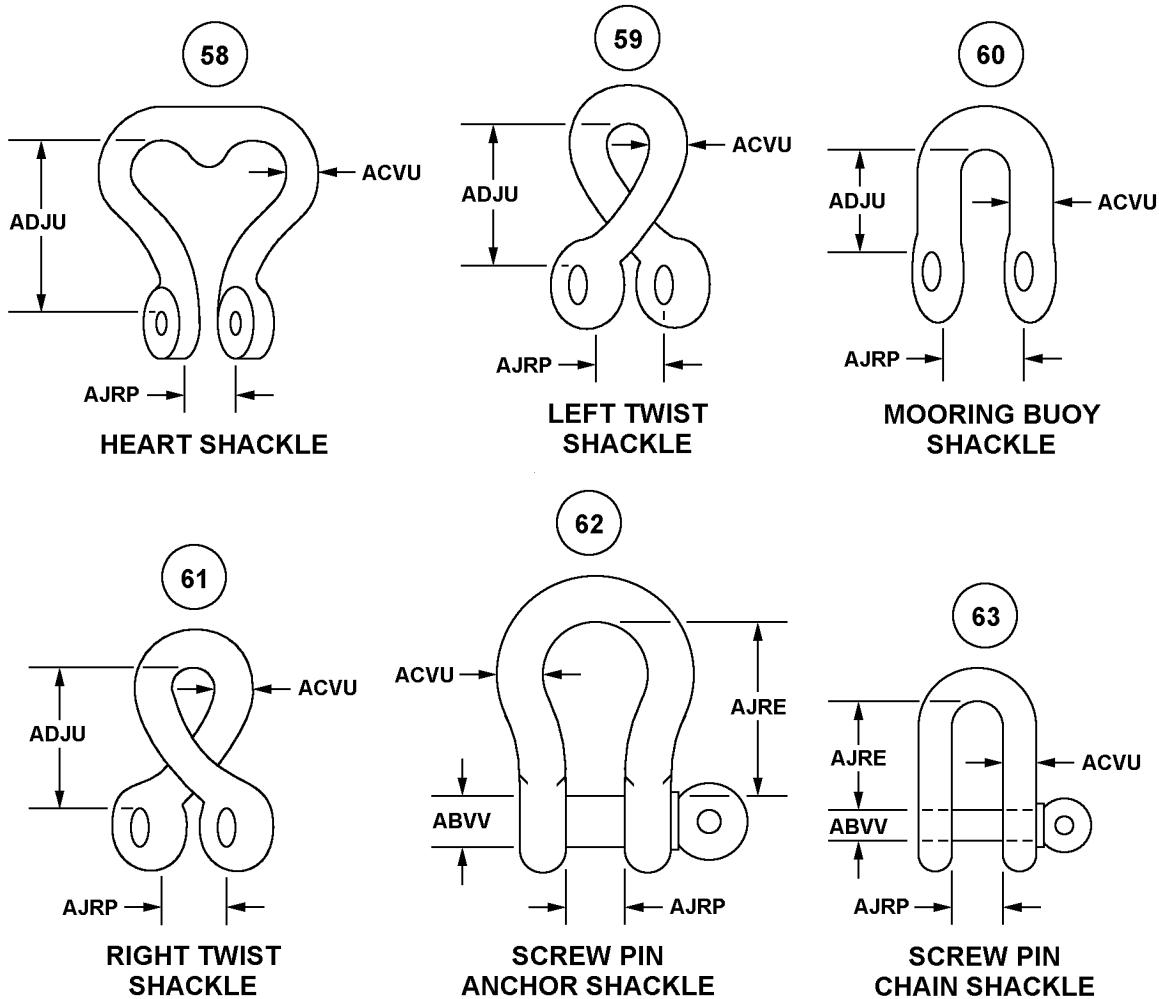


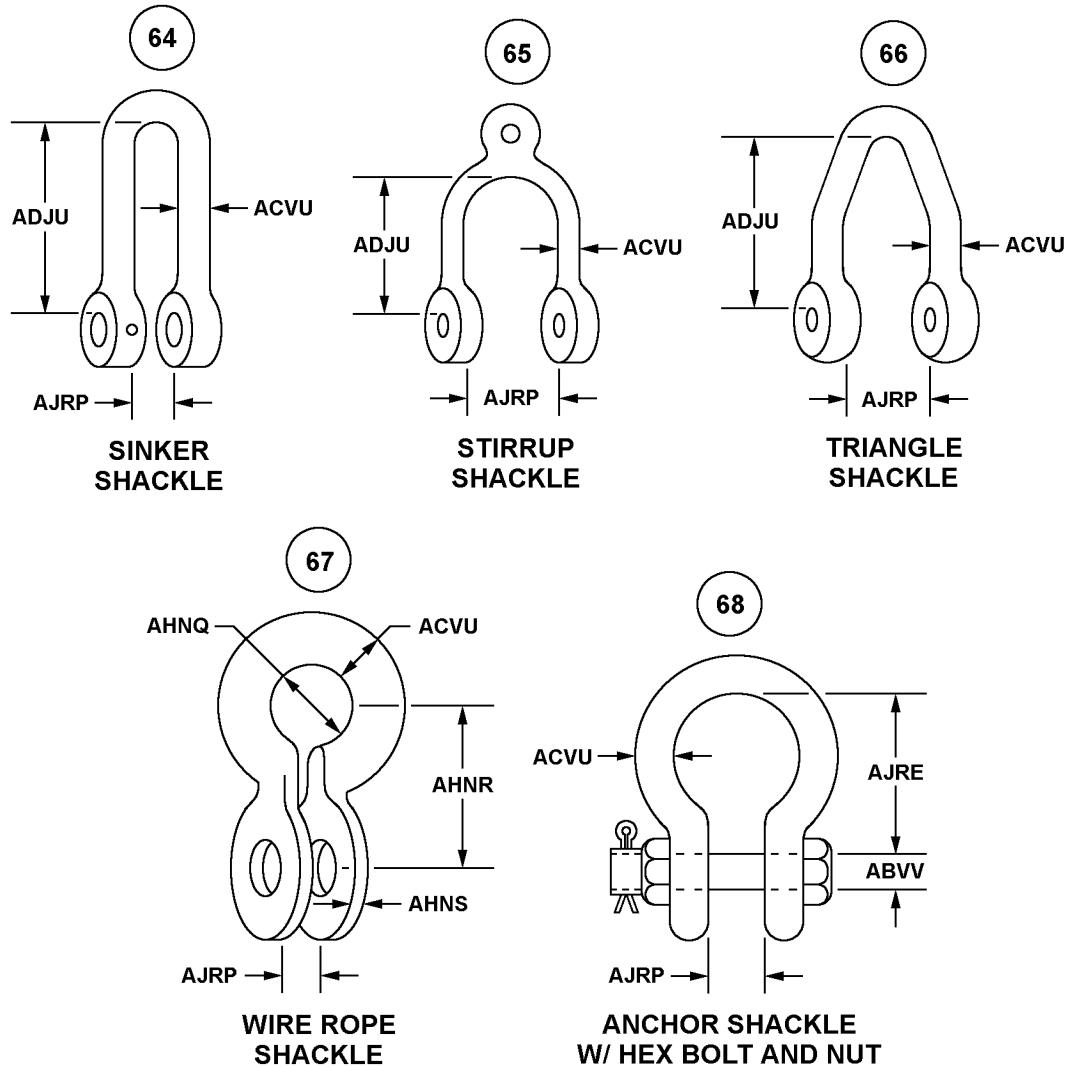
ANCHOR SHACKLE

ANCHOR SHACKLE









FIIG A153
APPENDIX B

REFERENCE DRAWING GROUP C Tables
THIMBLE STYLES

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., AARXJAA4.000*; AARXJLA101.6*; AARXJAB4.000\$\$JAC4.010*;
AARXJAA7.000\$\$JAA7.500*)

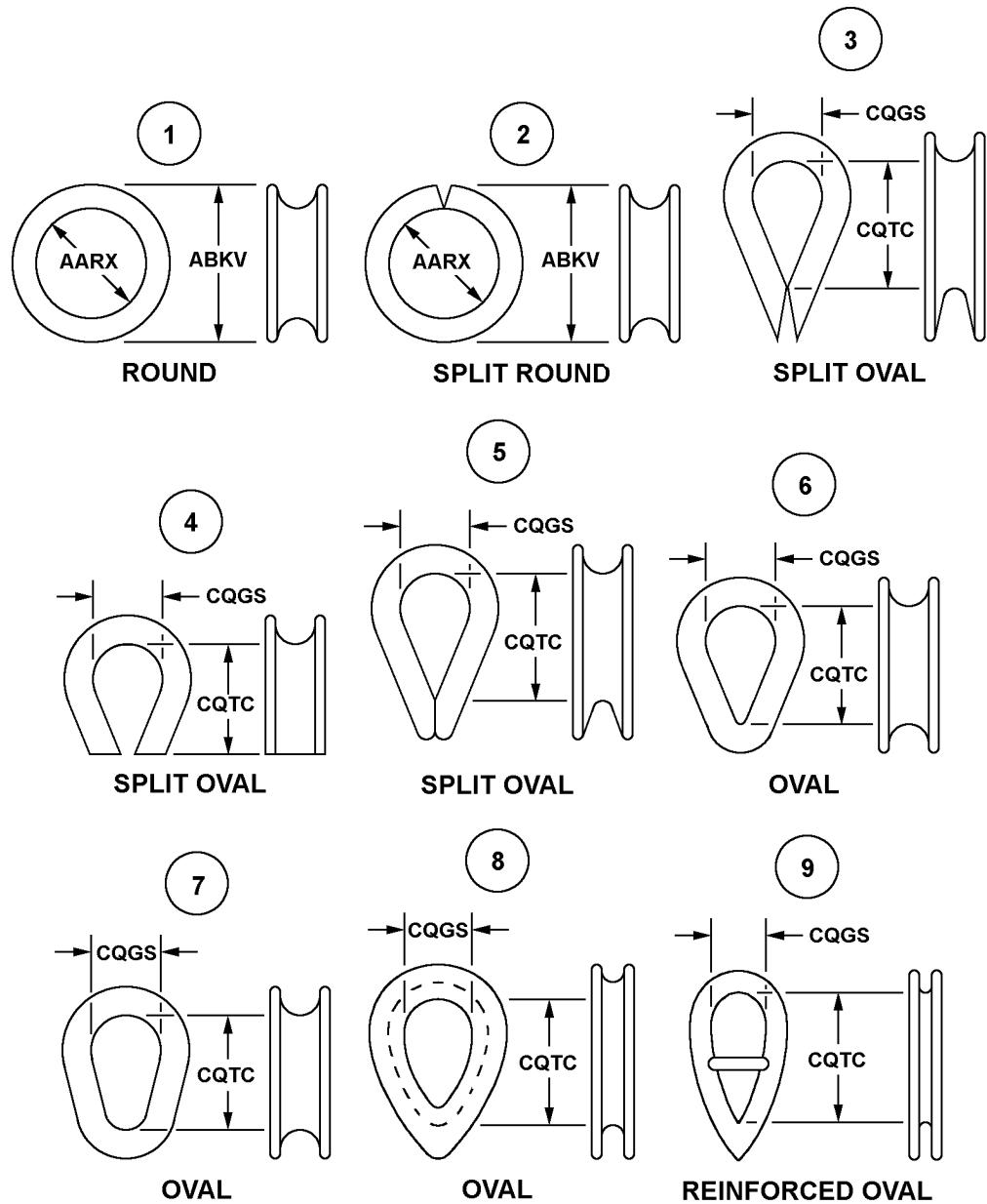
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

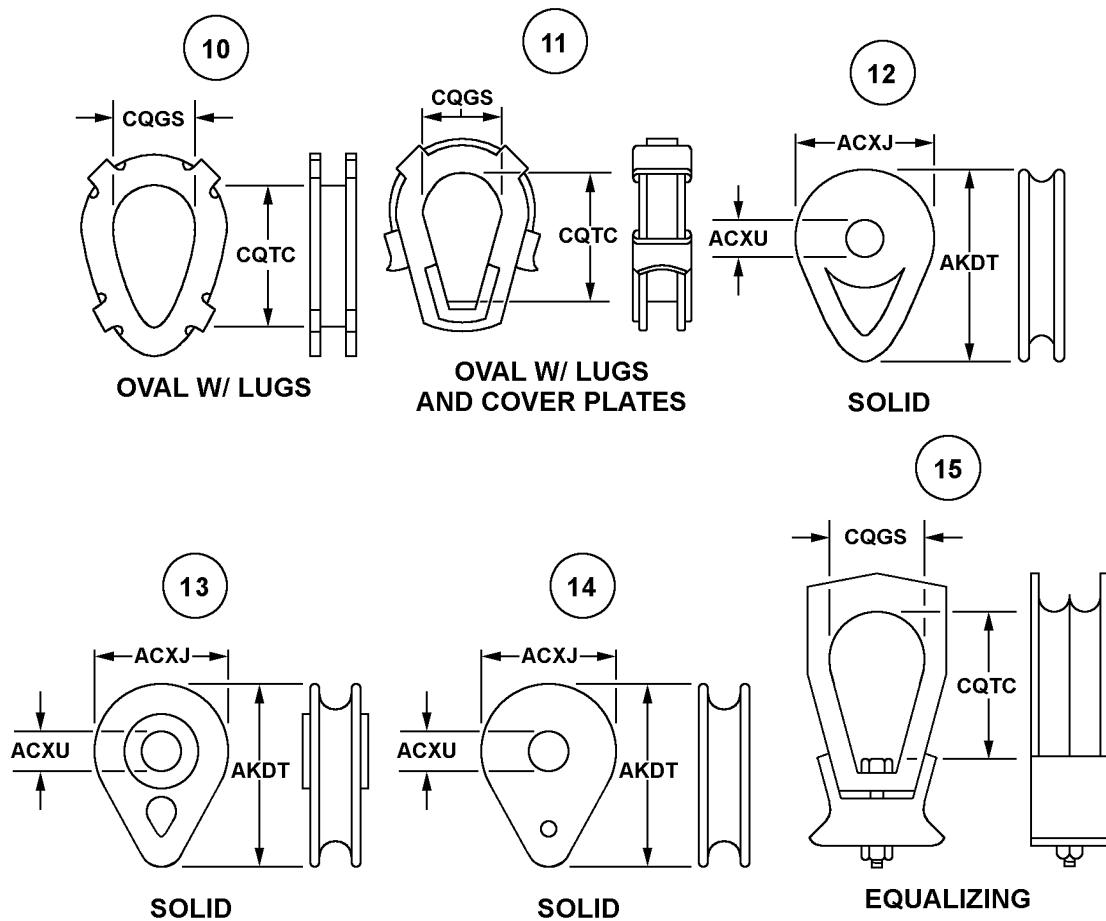
<u>MRC</u>	<u>Mode Code</u>	<u>Name of Dimension</u>
AARX	J	INSIDE DIAMETER
ABKV	J	OUTSIDE DIAMETER
ACXJ	J	OVERALL WIDTH
ACXU	J	PINHOLE DIAMETER
AKDT	J	THIMBLE OVERALL LENGTH
CQGS	J	THIMBLE INSIDE WIDTH
CQTC	J	THIMBLE INSIDE LENGTH

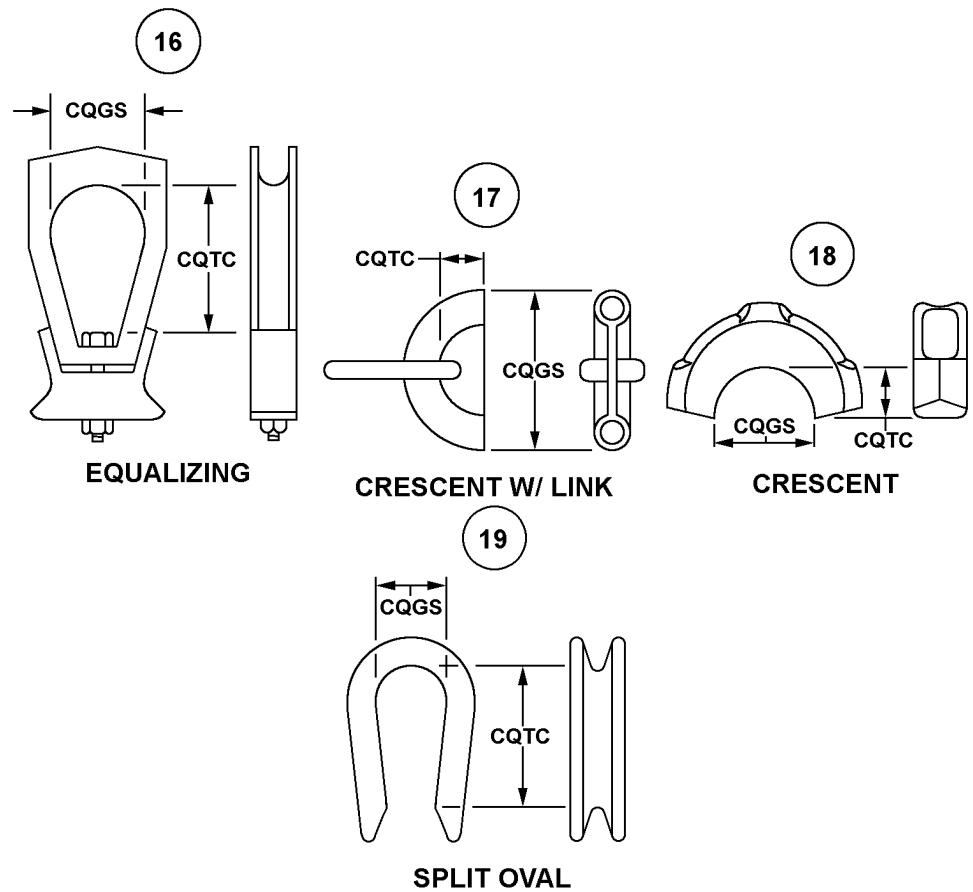
REFERENCE DRAWING GROUP C

THIMBLE STYLES



FIIG A153
APPENDIX B





Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART	79
CONVERSION TABLE FOR CORDAGE ITEMS	80
COMMERCIAL SIZE DESIGNATIONS	80
INCH TO DECIMAL OF A FOOT CONVERSION CHART	81

FIIG A153
APPENDIX C

STANDARD FRACTION TO DECIMAL CONVERSION CHART

<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	To 3	To 4	<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	To 3	To 4	
				1/64	.016	.0156					33/64	.516	.5156	
				1/32	----	.031	.0312			17/32	----	.531	.5312	
				3/64	.047	.0469					35/64	.547	.5469	
1/16				----	.062	.0625			9/16	----	----	.562	.5625	
				5/64	.078	.0781					37/64	.578	.5781	
				3/32	----	.094	.0938			19/32	----	.594	.5938	
				7/64	.109	.1094					39/64	.609	.6094	
1/8				----	----	.125	.1250	5/8	----	----	----	.625	.6250	
				9/64	.141	.1406					41/64	.641	.6406	
				5/32	----	.156	.1562			21/32	----	.656	.6562	
				11/64	.172	.1719					43/64	.672	.6719	
3/16				----	----	.188	.1875			11/16	----	----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031	
				7/32	----	.219	.2188			23/32	----	.719	.7188	
				15/64	.234	.2344					47/64	.734	.7344	
1/4				----	----	.250	.2500	3/4	----	----	----	.750	.7500	
				17/64	.266	.2656					49/64	.766	.7656	
				9/32	----	.281	.2812			25/32	----	.781	.7812	
				19/64	.297	.2969					51/64	.797	.7969	
5/16				----	----	.312	.3125			13/16	----	----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281	
				11/32	----	.344	.3438			27/32	----	.844	.8438	
				23/64	.359	.3594					55/64	.859	.8594	
3/8				----	----	.375	.3750	7/8	----	----	----	.875	.8750	
				25/64	.391	.3906					57/64	.891	.8906	
				13/32	----	.406	.4062			29/32	----	.906	.9062	
				27/64	.422	.4219					59/64	.922	.9219	
7/16				----	----	.438	.4375			15/16	----	----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531	
				15/32	----	.469	.4688			31/32	----	.969	.9688	
				31/64	.484	.4844					63/64	.984	.9844	
						.500	.5000					1.000	1.0000	

FIIG A153
APPENDIX C

CONVERSION TABLE FOR CORDAGE ITEMS

<u>NOMINAL CIRCUMFERENCE (INCHES)</u>	<u>NOMINAL DIAMETER (INCHES)</u>
5/8	(0.625)
3/4	(0.750)
1	(1.000)
1-1/8	(1.125)
1-1/4	(1.250)
1-1/2	(1.500)
1-3/4	(1.750)
2	(2.000)
2-1/4	(2.250)
2-1/2	(2.500)
2-3/4	(2.750)
3	(3.000)
3-1/4	(3.250)
3-1/2	(3.500)
3-3/4	(3.750)
4	(4.000)
4-1/2	(4.500)
5	(5.000)
5-1/2	(5.500)
6	(6.000)
7	(7.000)
8	(8.000)
9	(9.000)
10	(10.000)
11	(11.000)
12	(12.000)
3/16	(0.188)
1/4	(0.250)
5/16	(0.312)
3/8	(0.375)
7/16	(0.438)
1/2	(0.500)
9/16	(0.562)
5/8	(0.625)
3/4	(0.750)
13/16	(0.812)
15/16	(0.938)
1	(1.000)
1-1/16	(1.062)
1-1/8	(1.125)
1-1/4	(1.250)
1-5/16	(1.312)
1-1/2	(1.500)
1-5/8	(1.625)
1-3/4	(1.750)
2	(2.000)
2-1/4	(2.250)
2-5/8	(2.625)
3	(3.000)
3-1/4	(3.250)
3-1/2	(3.500)
3-3/4	(3.750)
4	(4.000)

COMMERCIAL SIZE DESIGNATIONS

<u>SIZE (COMMERCIAL NUMBER)</u>	<u>PLIES PER STRAND</u>	<u>LENGTH PER POUND, FEET (MINIMUM)</u>	<u>BREAKING STRENGTH POUNDS (MINIMUM)</u>
6	2	3,000	12
9	3	2,055	18
12	4	1,545	24
15	5	1,245	30

FIIG A153
APPENDIX C

<u>SIZE (COMMERCIAL NUMBER)</u>	<u>PLIES PER STRAND</u>	<u>LENGTH PER POUND, FEET (MINIMUM)</u>	<u>BREAKING STRENGTH POUNDS (MINIMUM)</u>
18	6	1,020	35
24	8	780	45
30	10	600	60
36	12	510	70
48	16	375	86
72	24	255	124
84	28	210	140
96	32	195	156
108	36	165	172
120	40	150	188
144	48	135	214
168	56	105	238

INCH TO DECIMAL OF A FOOT CONVERSION CHART

NOTE: For inches, select inches 0 through 11 from left to right top of chart, read decimal equivalent in column directly below.

<u>Fraction of inch</u>	<u>INCHES</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>
0	0.000	0.083	0.167	0.250	0.333	0.417	0.500	0.583	0.667	0.750	0.833	0.917	
1/16	.005	.089	.172	.255	.339	.422	.505	.589	.672	.755	.839	.922	
1/8	.010	.094	.177	.260	.344	.427	.510	.594	.677	.760	.844	.927	
3/16	.016	.099	.182	.266	.349	.432	.516	.599	.682	.766	.849	.932	
1/4	.021	.104	.188	.271	.354	.438	.521	.604	.688	.771	.854	.938	
5/16	.026	.109	.193	.276	.359	.443	.526	.609	.693	.776	.859	.943	
3/8	.031	.115	.198	.281	.365	.448	.531	.615	.698	.781	.865	.948	
7/16	.037	.120	.203	.287	.370	.453	.537	.620	.703	.787	.870	.953	
1/2	.042	.125	.208	.292	.375	.458	.542	.625	.708	.792	.875	.958	
9/16	.047	.130	.214	.297	.380	.464	.547	.630	.714	.797	.880	.964	
5/8	.052	.135	.219	.302	.385	.469	.552	.635	.719	.802	.885	.969	
11/16	.057	.141	.224	.307	.391	.474	.557	.641	.724	.807	.891	.974	
3/4	.063	.146	.229	.313	.396	.479	.563	.646	.729	.813	.896	.979	
13/16	.068	.151	.234	.318	.401	.484	.568	.651	.734	.818	.901	.984	
7/8	.073	.156	.240	.323	.406	.490	.573	.656	.740	.823	.906	.990	
15/16	.078	.162	.245	.328	.412	.495	.578	.662	.745	.828	.912	.995	

FIIG Change List

FIIG Change List, Effective October 2, 2009

Removed all SAC coding from FIIG.

Changed MRC AJRS to ISAC coding using updated Table 0257

Modified Notes for MRCs BWCR and AJRS.